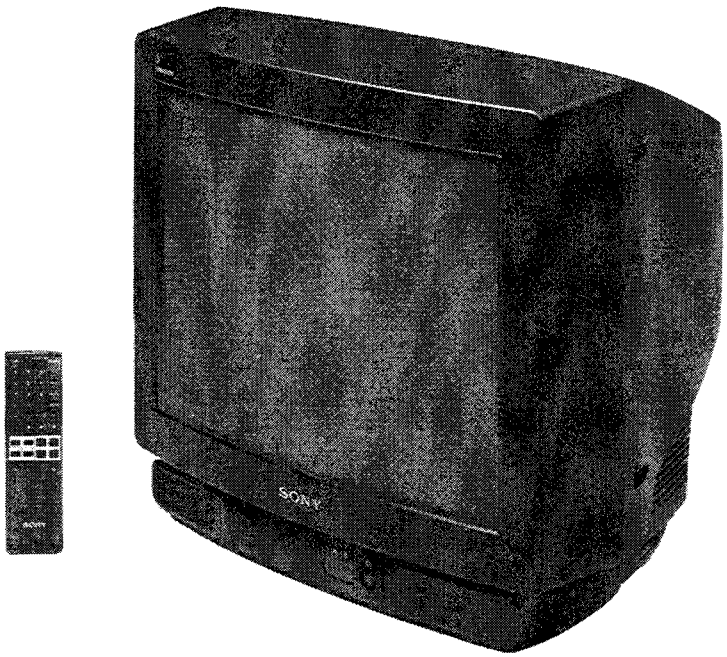
SERVICE MANUAL

BE-2A CHASSIS

MODEL	COMMANDER	DEST.	CHASSIS NO.	MODEL	COMMANDER	DEST.	CHASSIS NO.
KV-M2100K	RM-841	OIRT	SCC-E50J-A	KV-M2101D	RM-841	AEP	SCC-D85P-A
KV-M2101K	RM-841	OIRT	SCC-E50H-A	KV-M2100D	RM-841	AEP	SCC-D85Q-A
KV-M2100A	RM-841	Italian	SCC-D78K-A	KV-M2101U	RM-841	UK	SCC-D86R-A
KV-M2100B	RM-841	French	SCC-E24H-A	KV-M2100E	RM-841	Spanish	SCC-D87Q-A



MICROFILM

TRINITRON® COLOR TV

SONY®

SPECIFICATIONS

MODEL	Television System	Channel Coverage	Color system
OIRT	B/G/H, D/K	**B/G/H** VHF: E02-E12, UHF: E21-E69 CABLE TV : S01-S20 **D/K** VHF : R01-R12, UHF: R21-R69 CABLE TV : S01-S20	PAL, SECAM NTSC 4.43, NTSC 3.58 (VIDEO IN)
French	B/G/H, L	**B/G/H** VHF: E2-E12, UHF E21-E69 CABLE TV : S01-S21 **L** VHF : F02-F10, UHF F21-F69 CABLE TV : E-Q	PAL, SECAM
UK	I	**I** UHF B21-B69	PAL
AEP	B/G/H	**B/G/H** VHF : E02-E12, UHF : E21-E69 CABLE TV : S01-S20	PAL, SECAM
Spanish	B/G/H	**B/G/H** VHF : E02-E121, UHF : E21-E69	PAL
Italian	CCIR {B/G/H}	**B/G/H** CANALI UHF : 21-69 COMPRESSO CANALE C. CANALI VHF : E2-E12, S1-S20	PAL

MODEL	OIRT	AEP	Italian	French	UK	Spanish
Power Consumption	73Wh	73Wh	73.5Wh	87Wh	99W	73Wh

Picture tube	Hi Black Trinitron tube Approx. 55 cm (21 inches) (Approx. 51 cm picture measured diagonally) 100° degree deflection
Inputs	21-pin connector: CENELEC standard
Outputs	Headphones jack: minijack 21-pin connector: TV output
Sound output	5W (Music)
Dimensions	Approx. 513x487x475 mm (w/h/d)
Weight	Approx. 24 kg

[RM-841]

Remote control system infrared control

Power requirements	1.5V dc 1 battery IEC designation R6 (size AA)
Dimensions	Approx. 48x200.5x1[illegible] mm (w/h/d)
Weight	Approx. 100g including batteries
Supplied accessories	RM-841 Remote Commander (1) IEC designation R6 battery(1)

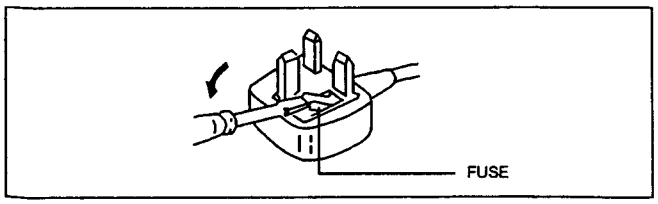
Design and specifications are subject to change without notice.

TABLE OF CONTENTS

Section	Title	Page
1. GENERAL		
1-1.	21 Pin Connector	4
1-2.	Switching On/Off	5
1-3.	Presetting	5
1-4.	TV Operation	6
1-5.	Teletext Operation	7
1-6.	Optional Connections/Operations	8
1-7.	Additional Information	8
1-8.	Troubleshooting	9
2. DISASSEMBLY		
2-1.	Rear Cover Removal	11
2-2.	V Board Removal	11
2-3.	Service Position	11
2-4.	Picture Tube Removal	12
3. SET-UP ADJUSTMENTS		
3-1.	Beam Landing	13
3-2.	Convergence	14
3-3.	Focus	15
3-4.	Screen (G2) and White Balance	16
4. CIRCUIT ADJUSTMENTS		
4-1.	A Board Adjustment. M2100D - M2101D - M2100B	17
4-2.	A Board Adjustment. M2100K - M2101K	18
4-3.	A Board Adjustment. M2101U - M2100A M2100E	19
4-4.	V Board Adjustment	19
5. DIAGRAMS		
5-1.	Circuit Board Location	20
5-3.	**Diagrams and Printed Wiring Boards.**	
	A Board Printed Wiring	21
	A Board Schematic Diagram M2100B	23
	M2101U - M2100A M2100E	27
	M2100K - M2101K - M2100D - M2101D	31
	V Board Schematic Diagram	35
	V Board Printed Wiring	35
	C Board Schematic Diagram	37
	C Board Printed Wiring	37
	A1 Board Schematic Diagram	38
	A1 Board Printed Wiring	38
	J1 Board Printed Wiring	38
	Tuner Unit Schematic Diagram M2100A	39
5-4.	Semiconductors	40
6. EXPLODED VIEWS		
6-1	Chassis and Picture Tube	42
7. ELECTRICAL PARTS LIST		
	KV-M2100K, KV-M2101K KV-M2100D, KV-M2101D	44
	KV-M2100B	52
	KV-M2100A, KV-M2100E KV-M2101U	59

WARNING (UK MODELS ONLY)

The flexible mains lead is supplied connected to a **B.S. 1363** fused plug having a fuse of **5 AMP** capacity. Should the fuse need to be replaced, use a **5 AMP FUSE** approved by **ASTA** to **BS 1362**, ie one that carries the ASTA mark.
IF THE PLUG SUPPLIED WITH THIS APPLIANCE IS NOT SUITABLE FOR YOUR SOCKET OUTLETS IN YOUR HOME. IT SHOULD BE CUT OFF AND AN APPROPRIATE PLUG FITTED. THE PLUG SEVERED FROM THE MAINS LEAD MUST BE DESTROYED AS A PLUG WITH BARED WIRES IS DANGEROUS IF ENGAGED IN A LIVE SOCKET OUTLET.
When an alternative type of plug is used it should be fitted with a **5 AMP FUSE**, otherwise the circuit should be protected by a **5 AMP FUSE** at the distribution board.



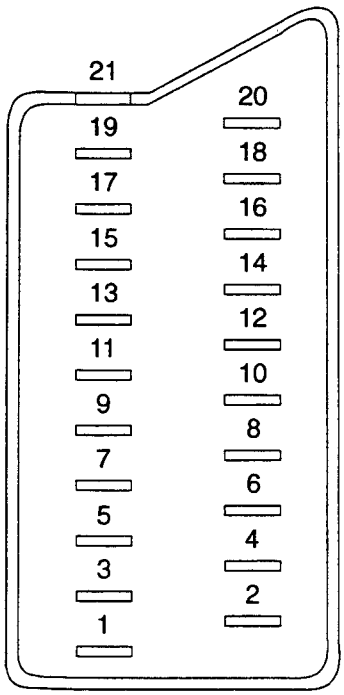
CAUTION

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVAL OF THE ANODE CAP.

SAFETY RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARKED WITH ⚠ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

1-1. 21 PIN CONNECTOR



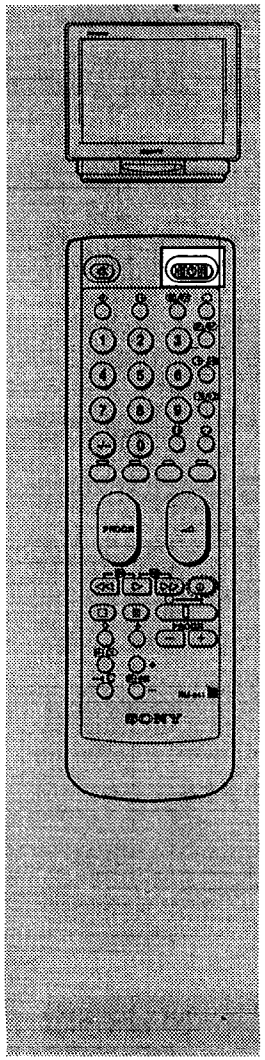
21 pin connector (1 ⊖)

Pin No		Signal	Signal level
1	○	Audio output B (right)	Standard level: 0.5Vrms Output impedance:less than 1kohm*
2	○	Audio input B (right)	Standard level:0.5Vrms Input impedance:More than 10kohms*
3	○	Audio output A (left)	Standard level:0.5Vrms Output impedance:less than 1kohm*
4	○	Ground (audio)	
5	○	Ground (blue)	
6	○	Audio input A (left)	Standard level:0.5Vrms Input impedance:More than 10kohms*
7	○	Blue input	0.7V±3dB, 75ohms, positive
8	○	Function select (AV control)	High state (9.5—12V):Part mode Low state (0—2V):TV mode Input impedance:More than 10kohms Input capacitance:Less than 2nF
9	○	Ground (green)	
10	○	Open	
11	○	Green	Green signal:0.7V±3dB. 75ohms, positive
12	○	Open	
13	○	Ground(red)	
14	●	Ground (blanking)	
15	○	Red input	0.7V±3dB, 75ohms, positive
	—	(S signal) croma input	0.3V±3dB, 75ohms, positive
16	○	Blanking input (Ys signal)	High state (1—3V) Low state (0—0.4V) Input impedance:75ohms
17	○	Ground (video output)	
18	○	Ground (video input)	
19	○	Video output	1V±3dB, 75ohms, positive Sync:0.3V(–3, +10dB)
20	○	Video input	1V±3dB, 75ohms, positive Sync:0.3V(–3, +10dB)
	—	Video Input/Y (S signal)	1V±3dB, 75ohms, positive Sync:0.3V(–3, +10dB)
21	○	Common ground (plug, shield)	

○ connected ● unconnected (open) * At 20 Hz—20kHz

Instructions shown here are partial excerpts from the instruction Manual.
The pages of the Instruction Manual are included here in their original state.

1-2. Switching on/off



After you have completed the basic preparation your TV is ready to be connected to the mains power supply (220/240V AC, 50Hz).

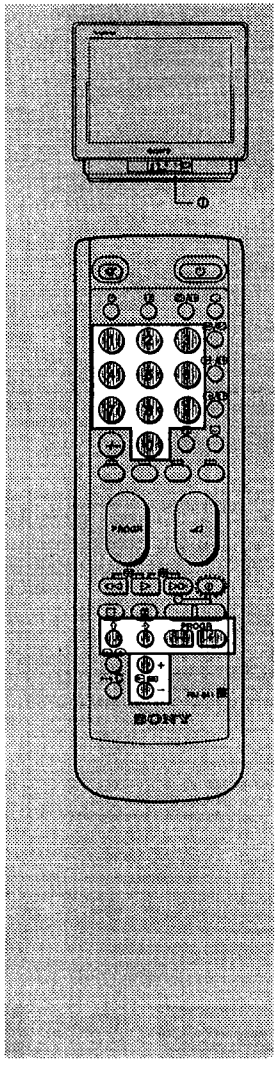
How to turn the TV on

Action	Result
Press ⏻ on the TV.	The TV will turn on. **Note:** If the screen remains blank, the TV may be in the standby mode. Press ▭ on the commander to switch it on.

How to turn the TV off

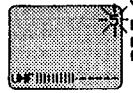
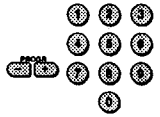
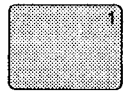
A Temporarily	
Press ⏻ to enter standby mode.	The TV will be in standby. To return to the TV mode press ▭
B Completely	
Press ⏻ on the TV.	The TV will turn off.

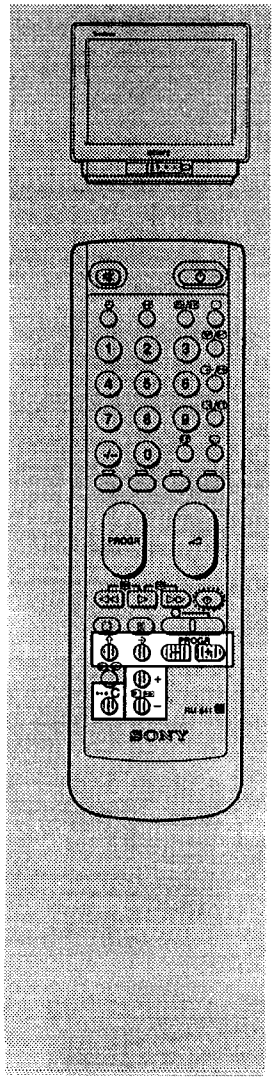
1-3. Presetting



After having installed the TV, you now need to preset TV channels. Up to 60 programme positions are at your disposal. For channel presetting use the buttons with the red symbols on the Remote Commander.

Automatic presetting of channels

Action	Result
1 Press both the ♦ SHIFT button and the ⇳ PRESET button simultaneously.	You are now in the preset mode. The programme number flashes. 
2 Press either the number buttons or PROGR +/– to select the programme number on which you want to preset the channel.  **Note:** In case of two digit numbers, first press –/--, then the two numbers.	The selected programme number will be indicated.
3 Press both the ♦ SHIFT button and the ⊞ + or – button repeatedly, until the desired channel is tuned in.	The scale with the frequency band changes.
4 Repeat steps 3 and 4 for all other channels.	
5 Press both the ♦ SHIFT and the ⇳ PRESET buttons simultaneously to store the channels.	All channels are now stored. The programme number stops flashing. 



How to skip programme positions

Since you have 60 programmes at your disposal, you may want to skip vacant programme positions, that means that they are skipped when you press the PROGR +/– buttons.

Action	Result
1 Press both the ♦ SHIFT button and the ⊲ PRESET button simultaneously.	You are now in preset mode, the programme position flashes.
2 Use PROGR + or – to select the programme position you want to skip. PROGR – +	The selected programme position appears.
3 Press both the ♦ SHIFT button and the button C simultaneously. C	
4 Press both the♦ SHIFT button and the ⊲ PRESET button simultaneously.	The programme position is now skipped. You are back in TV mode.

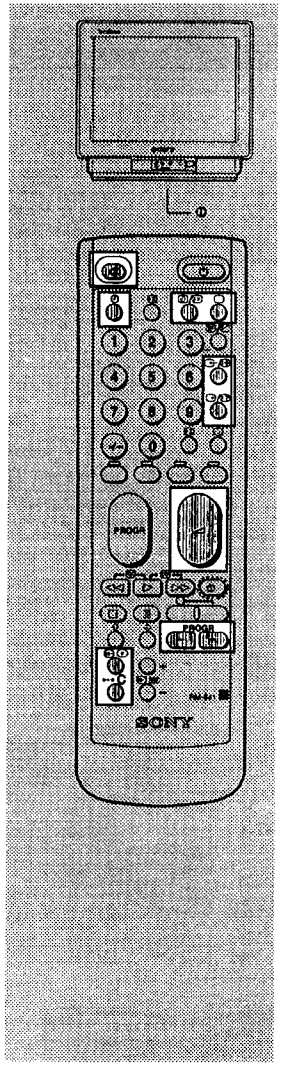
How to fine tune a channel manually

If the reception of a stored channel is not satisfactory, you can fine tune the channel manually.

Action	Result
Press both the ♦ SHIFT button and the + or – button simultaneously intil the reception is good. + –	The channel is now fine tuned.

Note: By pressing the respective programme number the automatic fine tuning will be restored.

1-4. TV operation



This section shows you how to use the convenient features available for operating the TV.

How to select programmes

Action	Result
Press PROGR +/– or the respective number button on the Remote Commander. In case of two digit numbers first press –/–– and then the two respective number buttons.	The selected programme is displayed.
On the set: Press the + or – button for programme selection.	

How to adjust the volume

Action	Result
Press ◿ + or –.	The ◿ symbol and the level indicator are displayed on the screen. The volume is adjusted accordingly.
Muting of the sound	
Press button ⊲	The sound is switched off. Press the button again to restore the sound.
On the set: Press button ⊟ repeatedly in order to select the desired item, then adjust with the + or – button.	

How to adjust the picture

Action	Result
1 Press button ⊟ repeatedly, until the desired item is displayed (◑ contrast, ◕ colour intensity, ☼ brightness).	The symbol and the respective bar display are displayed.
2 Press button + or –.	The selected picture item is adjusted accordingly.
Press button ⊟ repeatedly in order to select the desired item, then adjust with the + or – button.	

To return to factory-set levels
Press the →·← button.

Other functions

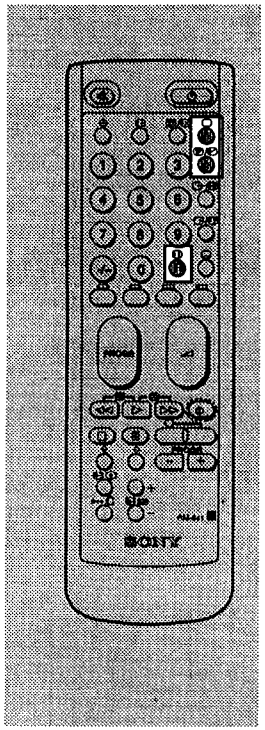
On-screen display
Press the ⊡ button to display the programme number on the screen and press the button a second time to make it disappear.

Selecting the signal of a connected device
Press the ⊡→ button to receive the signal of the device (e.g. a VTR) connected at the 21-pin connector (rear of the set). Press the ▢ button to return to the TV mode (see also page 11).

Time function
Press ⏱ to request the time. Press again to cancel the request (only if teletext is broadcast).

Sleep Timer
Press the ⏲ button repeatedly until the required time period is displayed on the screen (30, 60, 90 minutes or 0 for cancelling the request). In this way you can select the time period after which the set switches itself automatically into standby-mode.

1-5. Teletext Operation



TV stations broadcast teletext programmes via the TV channels. To receive teletext programmes, use the buttons indicated in green on the Remote Commander.

How to view the teletext

Action	Result
1 Select the channel which carries the teletext service you wish to view.	The channel changes on the screen.
2 Press ▣/▣.	The teletext service appears.
3 Input three digits for the page number using the number buttons. **Note** If you make a mistake, type in any three digits, then re-enter the correct page number.	The numbers are entered on the screen. The requested page will appear in a few seconds.

To return to the TV mode:
Press ▢.

To change the teletext channels:
First press ▢ to return to TV mode, then repeat steps 1 to 3.

Note
If the signal of the TV channel is weak, teletext errors may often occur.
The ▢ button has no function on this set.

How to use the Advanced Features of Teletext

How	Action	Result (on-screen display)
Request the index page.	Press ▣ (INDEX).	The index page appears.
Access the next or preceding page.	Press ▣ (PAGE +) or ▣ (PAGE –).	The next or preceding page appears.

How to	Action	Result
Superimpose the teletext display on the TV programme.	Press ▣/▣ once if you are in text mode, or press ▣/▣ twice if in TV mode. To return to the normal teletext display press ▣/▣ again.	The teletext displays are superimposed on the TV programmes.
Prevent a teletext page from being updated or changed.	Press ▣ (HOLD). To resume normal teletext reception, press ▣/▣ (TEXT/MIX).	The HOLD symbol ▣ appears on the screen and the chosen sub-page is held until you cancel.
Enlarge the teletext display.	Press ▣ once to enlarge the upper half. Press twice to enlarge the lower half. Press again to restore the normal display.	The upper half is enlarged.
Reveal concealed information (e.g. answers to a quiz).	Press ▣ (REVEAL). Press again to conceal the information.	The information is revealed.
Watch the TV programme while waiting for a requested page to be displayed.	1. Request a new page.	The numbers are entered.
	2. Press ▣ (TEXT CL).	The TV programme is displayed, and the requested page number and other teletext data appear at the top of the screen.
	3. When the requested page has been captured, the page number remains and the other data disappears.	
	4. Press ▣ to view this page	The requested page is displayed.

Some of the features may not be available depending on the Teletext service.

How to use the FASTEXT Feature

FASTEXT feature allows you to access pages quickly with one key operation.
When a FASTEXT page is broadcast, a colour coded menu appears at the bottom of the screen. Each coloured prompt corresponds to the four coloured buttons of your Remote Commander.

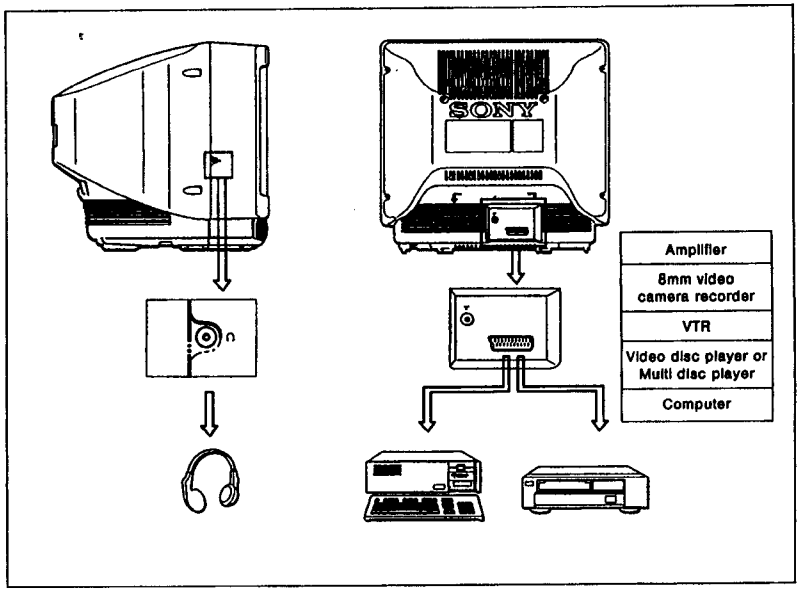
Operation

Action	Result
Press one of the coloured buttons which corresponds to the coloured prompt on the teletext.	The selected teletext page appears.

Note
Correct FASTEXT operation depends on the necessary signals sent from the TV station.
Some TV stations may not send signals for the FASTEXT.

1-6.

How to connect additional Audio/video equipment



How to view the Video input signal

Press button ⊖ repeatedly in order to select the desired input mode (⊖ for Audio/video signals from 21-pin EURO connector ⊶). Press button ▢ to return to TV mode.

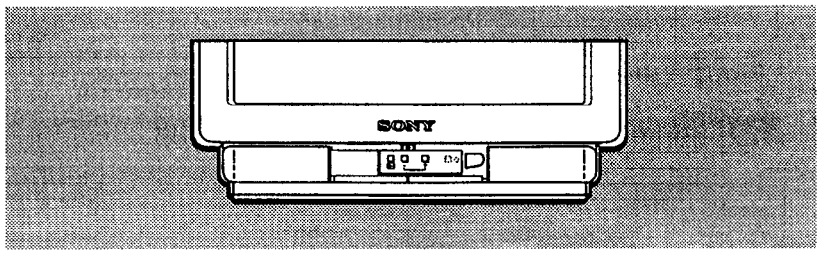
On the set:
Press button ⊜ once, the symbols ▢, ⊖ will appear on the screen, then press the + button to select the desired video input mode. Press ⊜ and + buttons again to return to TV-mode.

Notes
- In case of sound or picture distortions move the VTR away from the TV set.

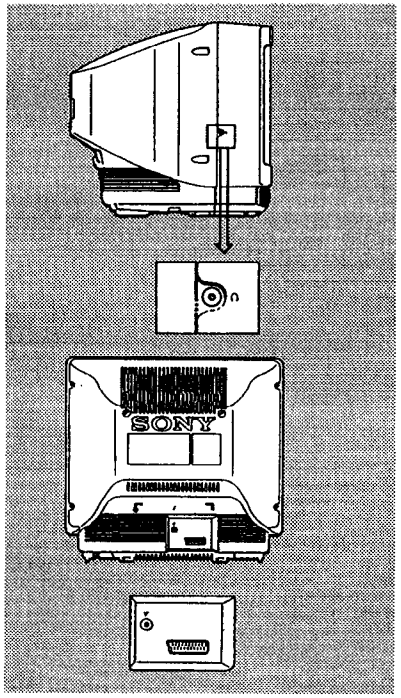
1-7. Additional information

Parts identification

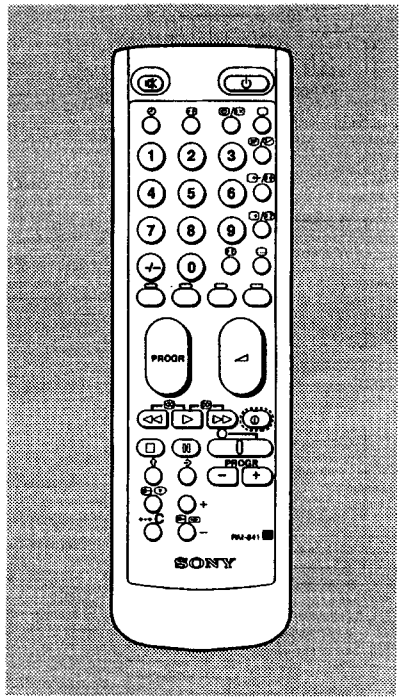
TV Set – Front



TV Set – Rear



Remote Commander



This section briefly describes the buttons and controls on the TV set and on the Remote Commander. For more information, refer to the pages given next to each description.

TV Set

Symbol	Function	Page
⏻	Main power switch	5
⏻	Standby indicator	5
+/-	Programme selector	6
⊜ +/-	Sound and picture adjustment/input selection	8
∩	Headphone jack (mini-jack)	11
⊶	21-pin connector (rear of set)	11
⊤	Aerial socket (rear of set)	4

Remote Commander

Symbol	Function	Page
⏻	Button for switching the TV set into standby mode	5
▢	Used to return to TV-mode from standby and video input modes	5
1-9, 0, -/--	Number buttons – in case of two digit numbers first press button -/-- and then two number buttons	6
PROGR +/-	Programme scanning buttons	6
⊸ and ▲	Preset mode on/off buttons	6
▲	Functions only in combination with other buttons	6, 7
▲ and C	Button for clearing a programme position (in preset mode)	7
▲ and ⊲⊳ +/-	Buttons for manual fine tuning of a channel/presetting	7
🔇	Mute button	8
⊜	Select button for picture adjustment item	8
+/-	Buttons for adjusting picture items	8
→•←	Button for resetting the picture adjustment items to standard	8
◿ +/-	Buttons for adjusting the volume	8
◴	Button for activating the sleep timer	8
⊡	On/off button for onscreen display	8
⊙	Time feature	8
2 ▣ / ◩ ⊠ ⊞ 1 ⊞	Teletext buttons	9, 10
■ ■ ■ ■ ▭ ▭ ▭ ▭	FASTEXT Buttons	10
⊡	Button for selecting the video input mode	11

Note:
Buttons not referred to in this index have no function.

1-8. Additional Information

Troubleshooting

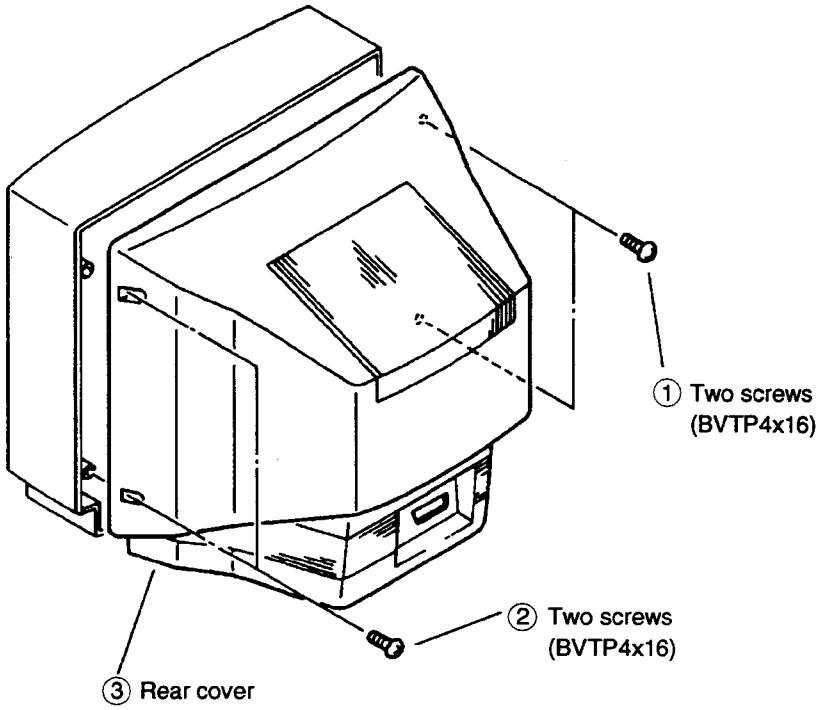
Here are some simple solutions to the problems which affect the picture and sound.

Problem	Solution
No picture (screen is dark), no sound	• Plug the TV in. • Press ⏻ on the TV. (If ⏻ indicator is on, press ▢ or the programme number on the Remote Commander). • Check the aerial connection. • Check if the selected video source is on. • Turn the TV off for 3 or 4 seconds and then turn it on again using ⏻.
Poor or no picture (screen is dark), but sound good	• Adjust ☼, ◑, ● by pressing the + button after selecting with the ⊜ button.
Good picture but no sound	• Press ◿ +. • Disconnect the headphones. • If 🔇 is displayed on the screen, press 🔇.
No colour for colour programmes	• Adjust ● with the + button after selecting with the ⊜ button. • Press →•← on the Remote Commander.
Remote Commander does not function	• REPLACE THE BATTERIES

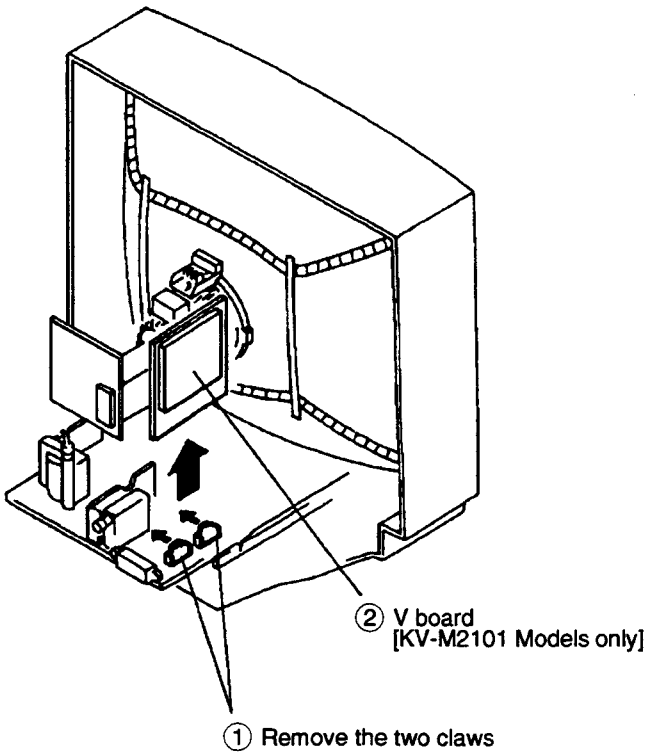
If you continue to have these problems, have your TV serviced by qualified personnel. Never open the casing yourself.

SECTION 2
DISASSEMBLY

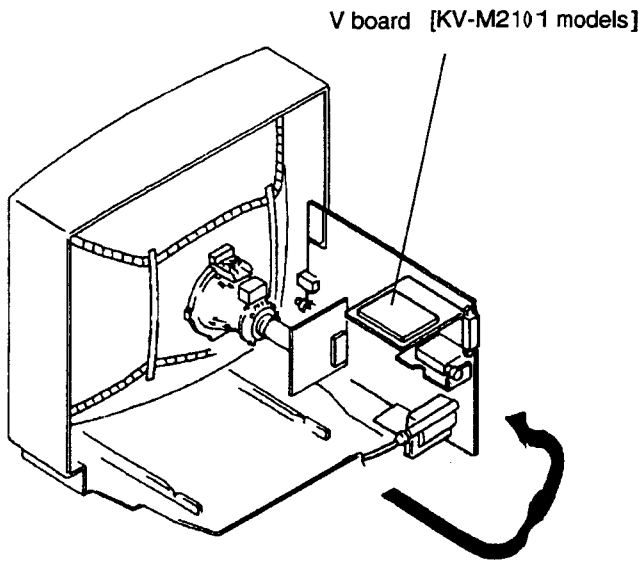
2-1. REAR COVER REMOVAL



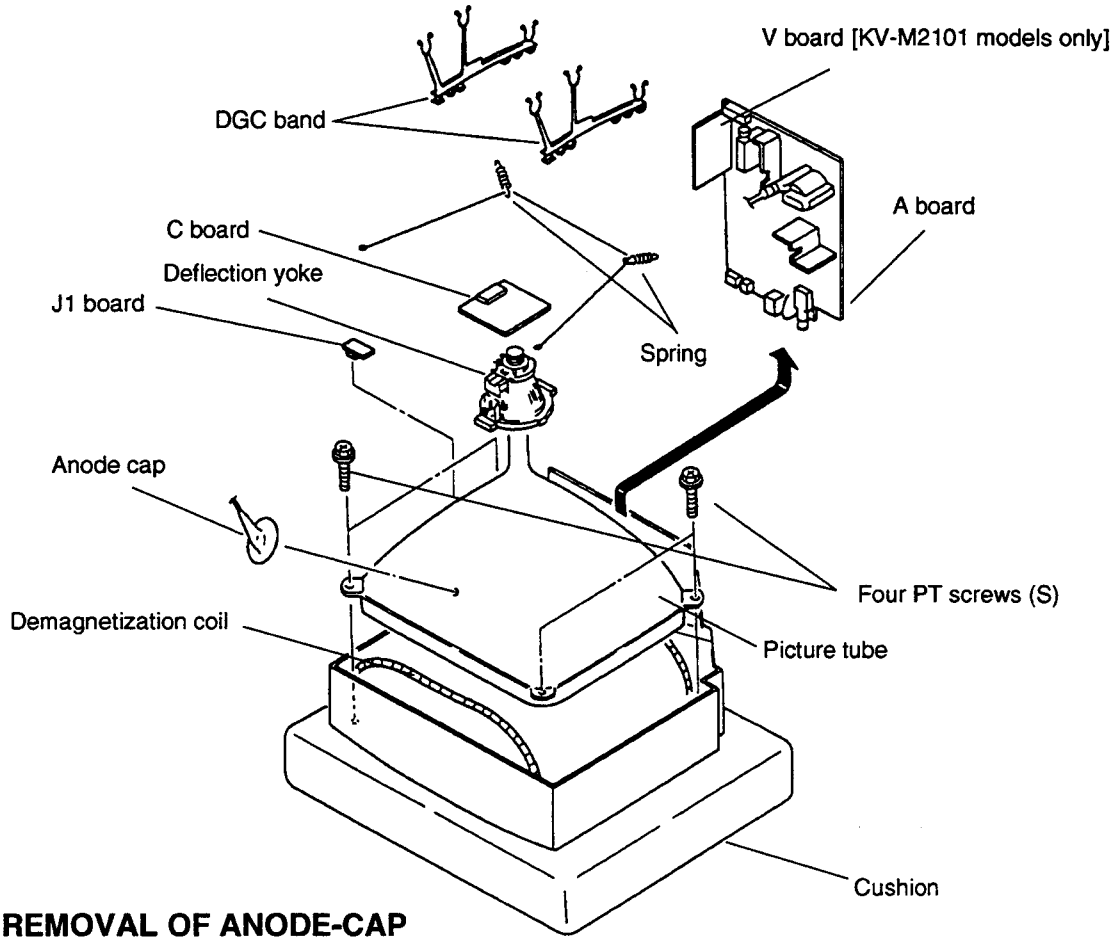
2-2. V BOARD REMOVAL
[KV-M2101 models only]



2-3. SERVICE POSITION



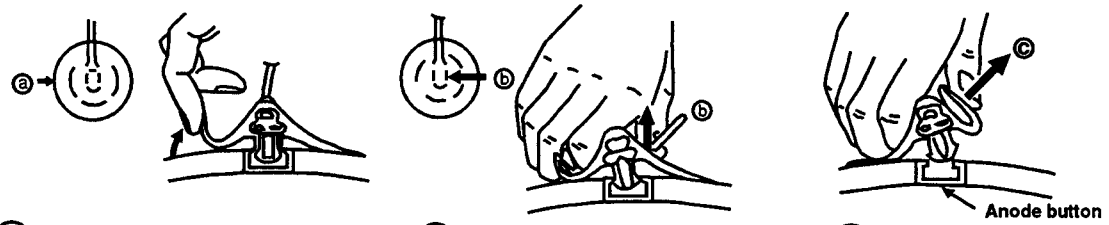
2-4. PICTURE TUBE REMOVAL



• REMOVAL OF ANODE-CAP

Note: Short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon paint on the CRT, after removing the anode.

* **REMOVING PROCEDURES.**



① Turn up one side of the rubber cap in the direction indicated by the arrow ⓐ

② Using a thumb pull up the rubber cap firmly in the direction indicated by the arrow ⓑ

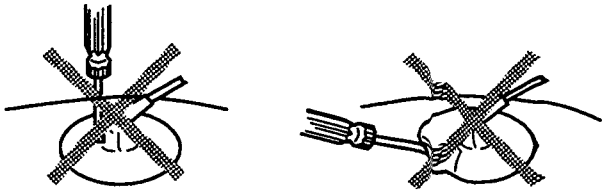
③ When one side of the rubber cap is separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling it up in the direction of the arrow ⓒ

• HOW TO HANDLE AN ANODE-CAP

① Don't damage the surface of anode-cap with sharp shaped material !

② Don't press the rubber hardly not to hurt inside of anode-caps !
A metal fitting called as shatter-hook terminal is built into the rubber.

③ Don't turn the foot of rubber over hardly !
The shatter-hook terminal will stick out or damage the rubber.



SECTION 3
SET-UP ADJUSTMENTS

- The following adjustments should be made when a complete realignment is required or a new picture tube is installed.
- These adjustments should be performed with rated power supply voltage unless otherwise noted.

The controls and switch below should be set as follows unless otherwise noted:

◑ CONTRAST control 80%
(or Normal by commander)
☼ BRIGHTNESS control 50%

Perform the adjustments in order as follows:

1. Beam Landing
2. Convergence
3. Focus
4. Screen (G2) and White Balance

Note: Test Equipment Required.
1. Color bar/Pattern Generator
2. Degausser
3. DC Power Supply
4. Digital multimeter
5. Oscilloscope

Preparation:

- Set the side of the unit with the PICTURE TUBE so that it faces east or west in order to reduce the influence of external magnetic force.
- Turn the power switch for the unit ON and erase the magnetic force using a degausser.

3-1. BEAM LANDING

Demagnetize with a degausser.

1. Input a raster signal with the pattern generator.
   CONTRAST } normal
   BRIGHTNESS }
2. Turn the raster signal of the pattern generator to red.
3. Move the deflection yoke backward, and adjust with the purity control so that red is in the center and blue and green are at the sides evenly.
   (Fig. 3-1 - 3-3)
4. Move the deflection yoke forward, and adjust so that entire screen becomes red. (Fig. 3-1)
5. Switch over the raster signal to blue and blue and confirm the condition.
6. When the position of the deflection yoke is determined, tighten it with a deflection yoke mounting screw.
7. When landing at the corner is not right, adjust by using the disk magnets. (Fig. 3-4)

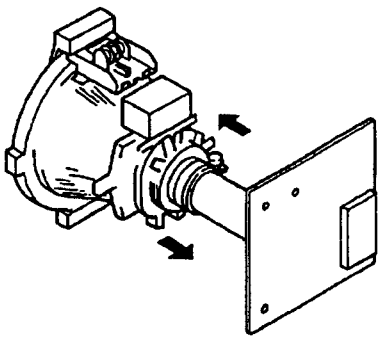


Fig. 3-1

Fig. 3-2

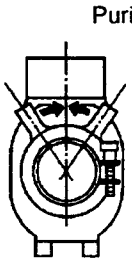


Fig. 3-3

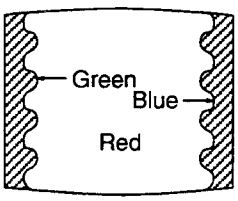
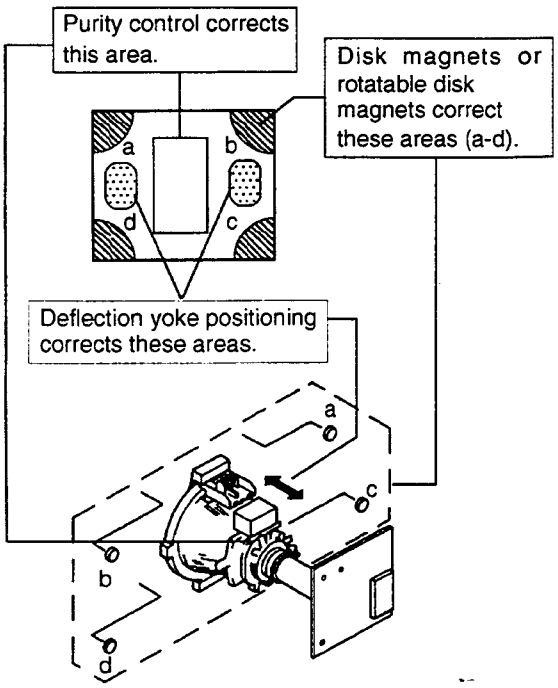


Fig. 3-4

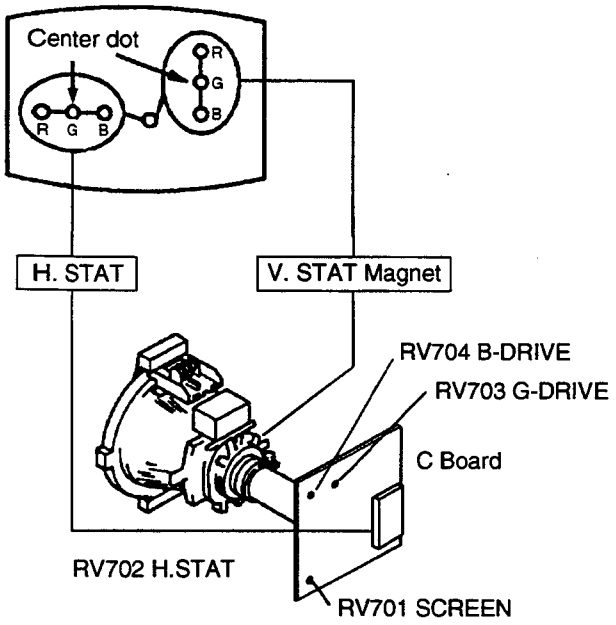


3-2. CONVERGENCE

Preparation:

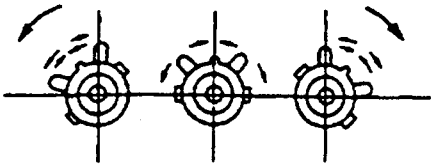
- Before starting, perform FOCUS, H.SIZE, and V. SIZE adjustments.
- Set BRIGHTNESS control to minimum.
- Feed in the dot pattern.

(1) Horizontal and Vertical Static Convergence

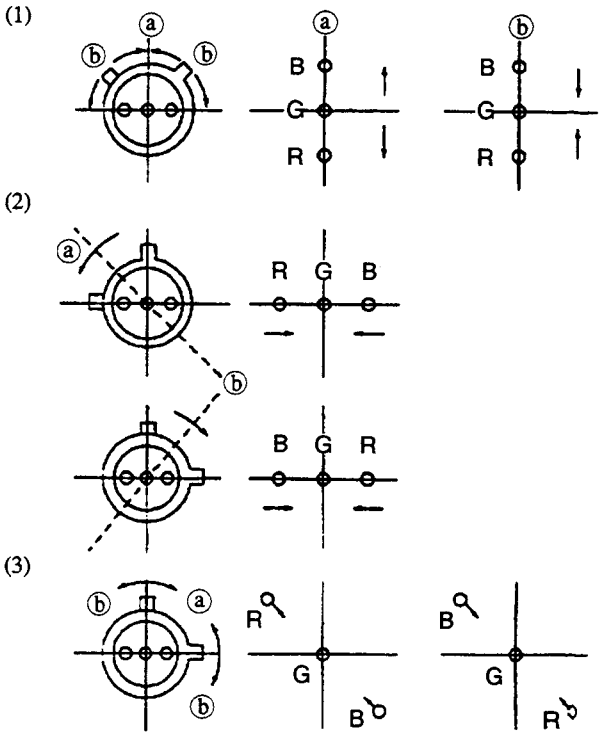


1. Adjust H.STAT VR to converge red, green and blue dots the in center of the screen. (Horizontal movement)
2. Adjust V.STAT magnet to converge red, green and blue dots in the center of the screen. (Vertical movement)
3. If the red, green and blue dots do not converge on the center of screen with H.STAT VR, perform horizontal convergence adjustment using H.STAT VR and V.STAT magnet as shown below. (In this case, H.STAT VR and V.STAT magnet effect each other.)

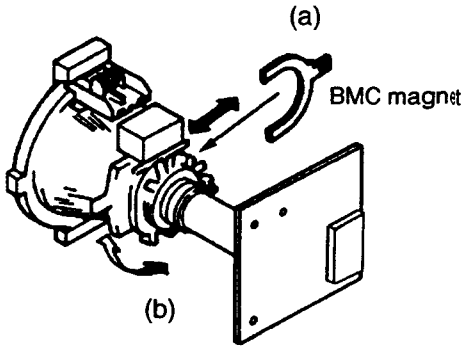
- Tilt the V.STAT magnet and adjust static convergence to open or close the V.STAT magnet.



4. When the V.STAT magnet is moved in the direction of arrows ⓐ and ⓑ the, red, green and blue dots move as shown below.



If the red and blue dot do not converge with green dots, perform following steps.
Move BMC magnet (a) to correct insufficient H.static convergence.
Rotate BMC magnet (b) to correct insufficient V.static convergence.
In either case, repeat Beam Landing Adjustment.

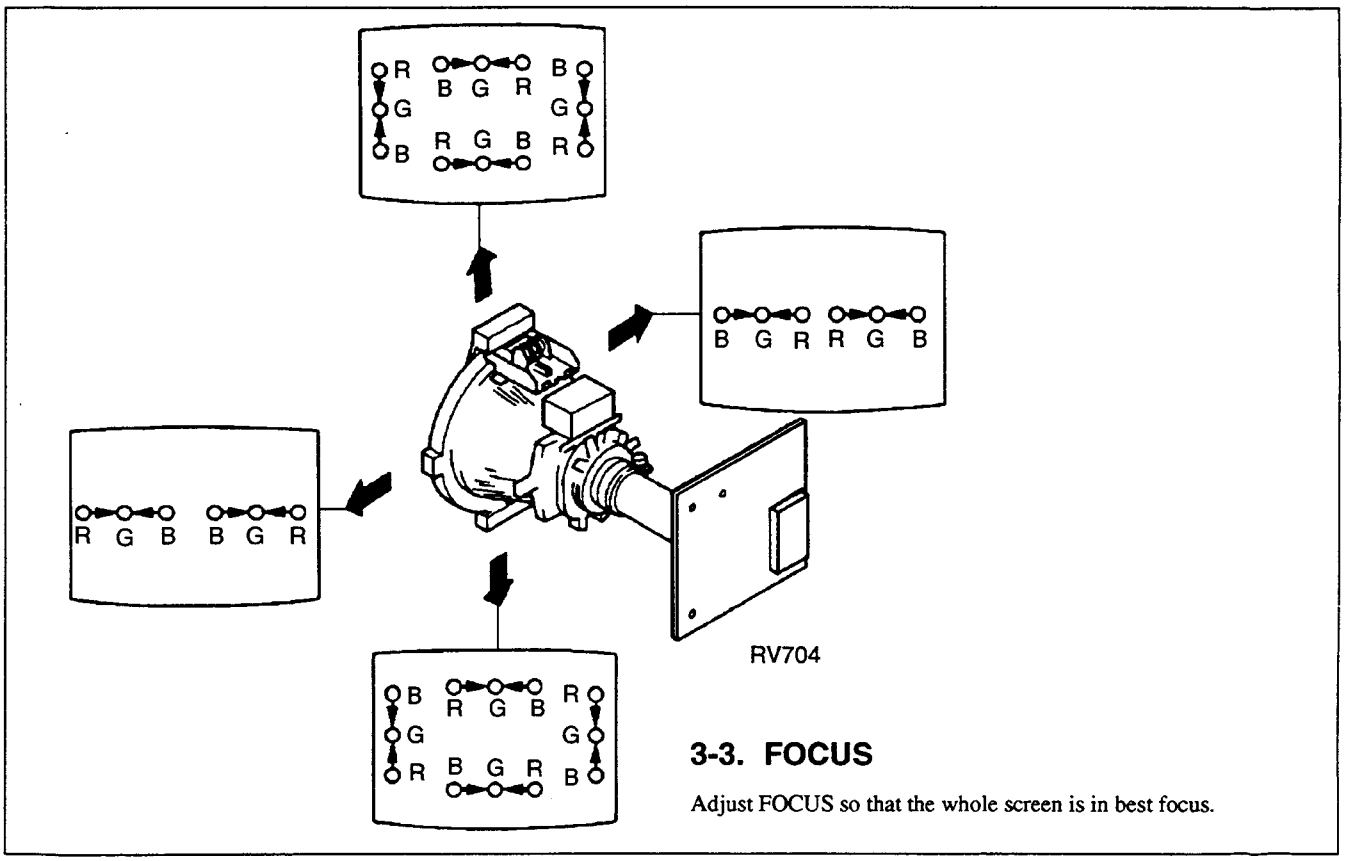


(2) Dynamic Convergence Adjustment

Preparation:

- Before starting perform Horizontal and Vertical static convergence Adjustment.

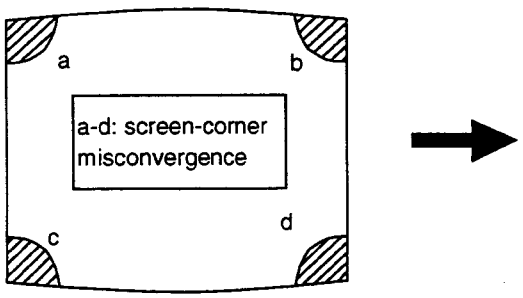
1. Slightly loosen deflection yoke screw.
2. Remove deflection yoke spacers.
3. Move the deflection yoke for best convergence as shown below.
4. Tighten the deflection yoke screw.
5. Install the deflection yoke spacers.

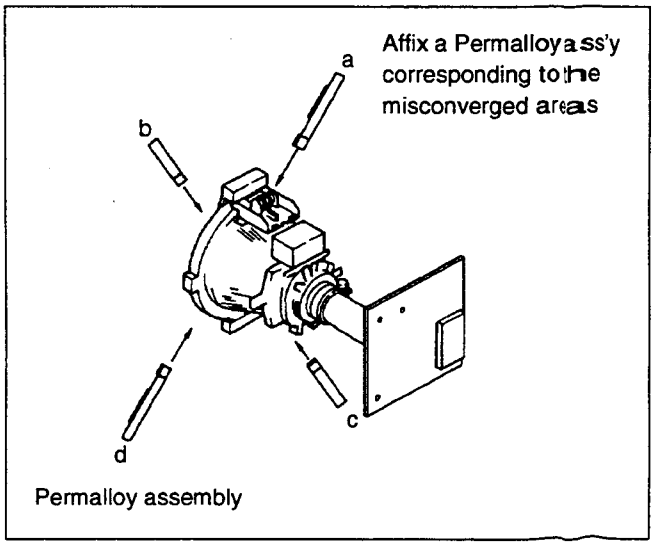


3-3. FOCUS

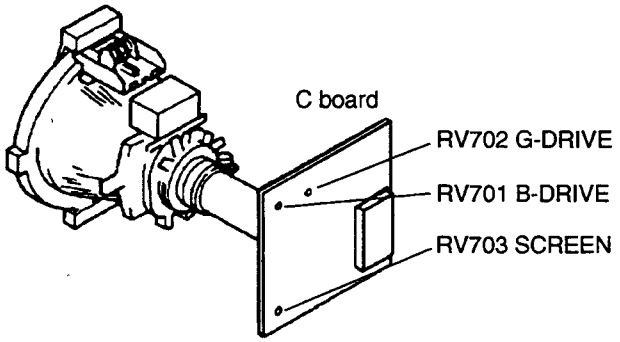
Adjust FOCUS so that the whole screen is in best focus.

(3) Screen-corner Convergence





3-4. SCREEN (G2) and WHITE BALANCE



Screen (G2) setting

1. Input dot signal from the pattern generator.
2. Set the picture BRIGHTNESS control to minimum level.
3. Apply 140V DC to the cathodes of R, G and B from an external power power source.
4. While watching the picture, adjust the G2 volume (RV703) immediately before fly-back line disappears.

White Balance Adjustment

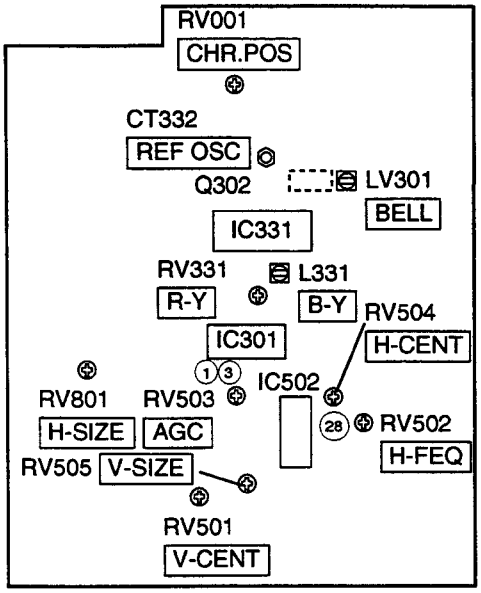
1. Input all-white signal from the pattern generator.
2. Adjust the BRIGHTNESS and COLOR controls to the standard level.
3. Adjust the following using RV701 (B DRIVE) and RV702 (G DRIVE).

In the following adjustments, the CONTRAST, COLOR and BRIGHTNESS controls are set to normal unless otherwise specified.

SECTION 4
CIRCUIT ADJUSTMENTS

[M2100D/M2101D/M2100B]

4-1. A BOARD ADJUSTMENTS

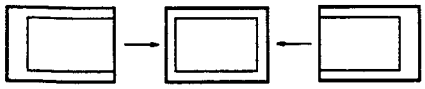


A-BOARD
– Component side –

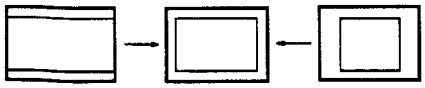
TU AGC Adjustment (RV503)

1. Tune in an off air signal.
2. Adjust AGC VR (RV503) so that snow-noise and cross-modulation just disappear from the picture.

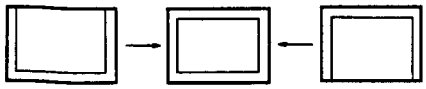
RV504 H.CENT (HORIZONTAL CENTER)



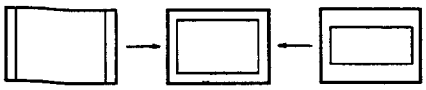
RV801 H.SIZE (HORIZONTAL SIZE)



RV501 V.CENT (VERTICAL CENTER)



RV505 V.SIZE (VERTICAL SIZE)



H.FREQ Adjustment (RV502)

1. Input a PAL COLOR BAR signal, then connect an electrolytic capacitor (100μ/16 V) between pin (28) and GND of IC502.
2. Adjust RV502 (H.FREQ) to stop scrolling of the picture in the horizontal direction.
3. After adjustment, remove the electrolytic capacitor.

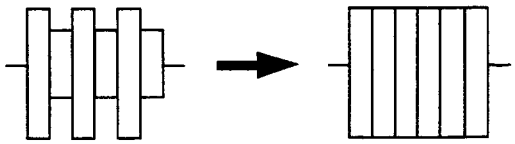
f0: too low　　f0: suitable　　f0: too high
f0: 15.625±50Hz

REF OSC 8.8 MHz Adjustment (CT332)

1. Input a PAL COLOR BAR pattern.
2. Short circuit between pin (17) of IC331 and ground.
3. Adjust CT332 to obtain color synchronization.
4. Remove the jumper wire from IC331.

BELL FILTER Adjustment (LV301)

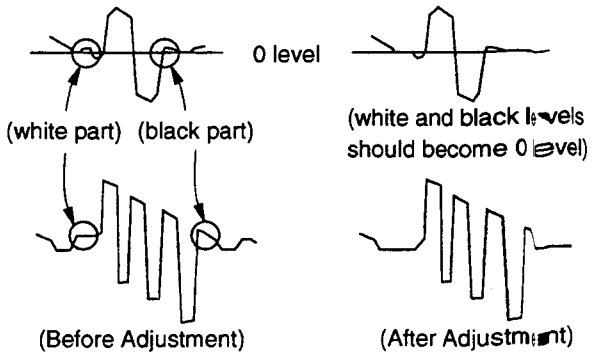
1. Input a SECAM COLOR BAR pattern.
2. Connect an oscilloscope to the Q302 emitter.
3. Adjust LV301 so that waveform becomes flat.



Before Adjustment　　After Adjustment

SECAM DISCRI Adjustment (RV331 R-Y L331 B-Y)

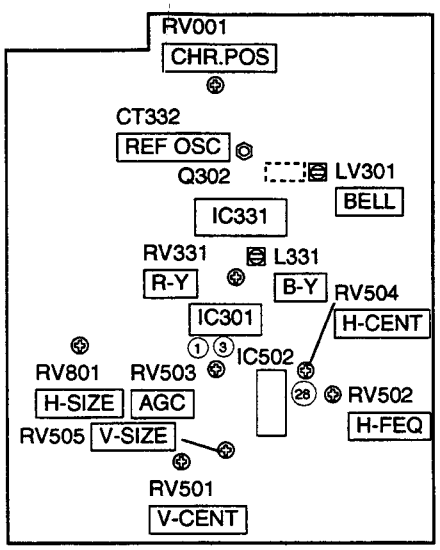
1. Input a SECAM COLOR BAR pattern.
2. Connect an oscilloscope to pin (1) of IC301.
3. Adjust RV331 (R-Y) so that white and black parts of the waveform of pin (1) becomes 0 level.
4. Connect an oscilloscope to pin (3) of IC301.
5. Adjust L331 (B-Y) so that white and black parts of the waveform of pin (3) becomes 0 level.



CIRCUIT ADJUSTMENTS

[M2100K/M2101K]

4-2. A BOARD ADJUSTMENTS

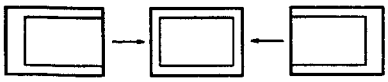


A-BOARD
– Component side –

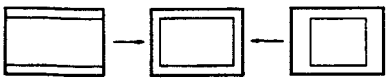
TU AGC Adjustment (RV503)

1. Tune in an off air signal.
2. Adjust AGC VR (RV503) so that snow-noise and cross-modulation just disappear from the picture.

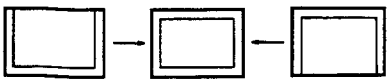
RV504 H.CENT (HORIZONTAL CENTER)



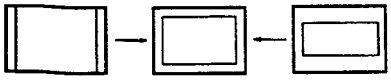
RV801 H.SIZE (HORIZONTAL SIZE)



RV501 V.CENT (VERTICAL CENTER)



RV505 V.SIZE (VERTICAL SIZE)



REF OSC 7.16 MHz Adjustment (CT 331)

1. Input an NTSC COLOR BAR pattern.
2. Short circuit between pin (28) of IC 331 and ground.
3. Adjust CT 331 to obtain color synchronization.
4. Remove the jumper wire from IC 331.

H.FREQ Adjustment (RV502)

1. Input a PAL COLOR BAR signal, then connect an electrolytic capacitor (100μ/16 V) between pin (28) and GND of IC502.
2. Adjust RV502 (H.FREQ) to stop scrolling of the picture in the horizontal direction.
3. After adjustment, remove the electrolytic capacitor.

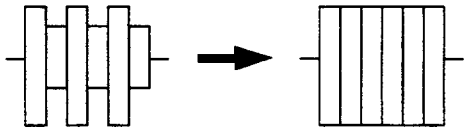
f0: too low f0: suitable f0: too high
f0: 15.625±50Hz

REF OSC 8.8 MHz Adjustment (CT332)

1. Input a PAL COLOR BAR pattern.
2. Short circuit between pin (17) of IC331 and ground.
3. Adjust CT332 to obtain color synchronization.
4. Remove the jumper wire from IC331.

BELL FILTER Adjustment (LV301)

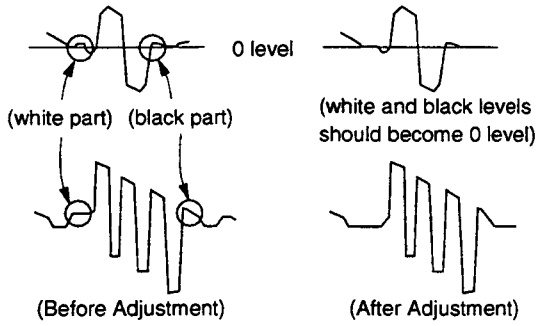
1. Input a SECAM COLOR BAR pattern.
2. Connect an oscilloscope to the Q302 emitter.
3. Adjust LV301 so that waveform becomes flat.



Before Adjustment After Adjustment

SECAM DISCRI Adjustment (RV331 R-Y L331 B-Y)

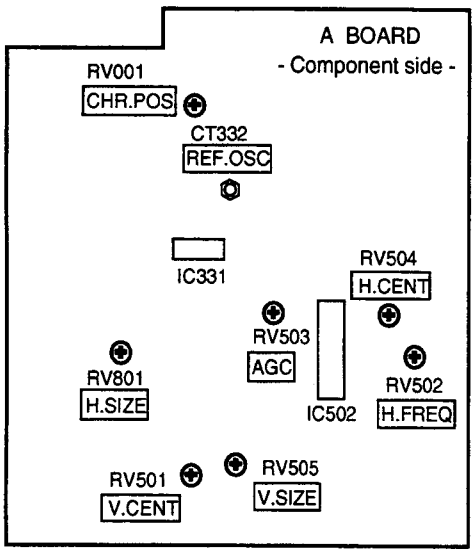
1. Input a SECAM COLOR BAR pattern.
2. Connect an oscilloscope to pin (1) of IC301.
3. Adjust RV331 (R-Y) so that white and black parts of the waveform of pin (1) becomes 0 level.
4. Connect an oscilloscope to pin (3) of IC301.
5. Adjust L331 (B-Y) so that white and black parts of the waveform of pin (3) becomes 0 level.



CIRCUIT ADJUSTMENTS

[M2101U/M2100A/M2100E]

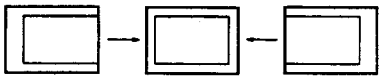
4-3. A BOARD ADJUSTMENTS



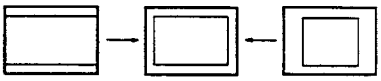
TU AGC Adjustment (RV503)

1. Tune in an off air signal.
2. Adjust AGC VR (RV503) so that snow-noise and cross-modulation just disappear from the picture.

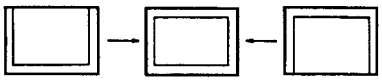
RV504 H.CENT (HORIZONTAL CENTER)



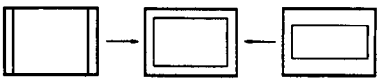
RV801 H.SIZE (HORIZONTAL SIZE)



RV501 V.CENT (VERTICAL CENTER)

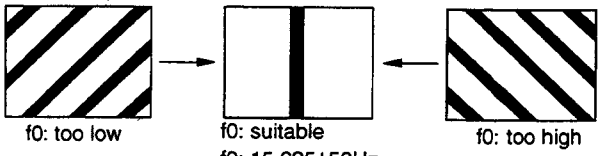


RV505 V.SIZE (VERTICAL SIZE)



H.FREQ Adjustment (RV502)

1. Input a PAL COLOR BAR signal, then connect an electrolytic capacitor (100µ/16 V) between pin (28) and GND of IC502.
2. Adjust RV502 (H.FREQ) to stop scrolling of the picture in the horizontal direction.
3. After adjustment, remove the electrolytic capacitor.

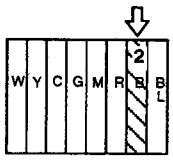


REF OSC 8.8 MHz Adjustment (CT332)

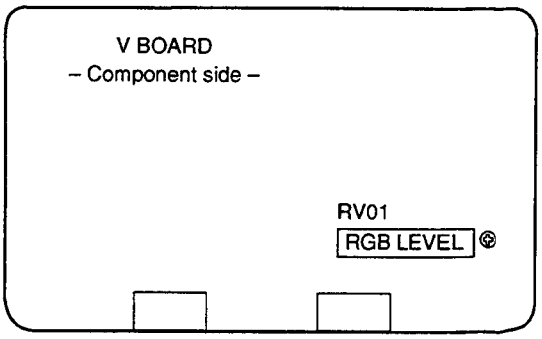
1. Input a PAL COLOR BAR pattern.
2. Short circuit between pin (11) of IC331 and ground.
3. Adjust CT332 to obtain color synchronization.
4. Remove the jumper wire from IC331.

CHARACTER POSITION Adjustment [RV001] [All Models]

1. Input a PAL COLOR BAR pattern.
2. Adjust RV001 to position the character display at the point indicated by the arrow below.



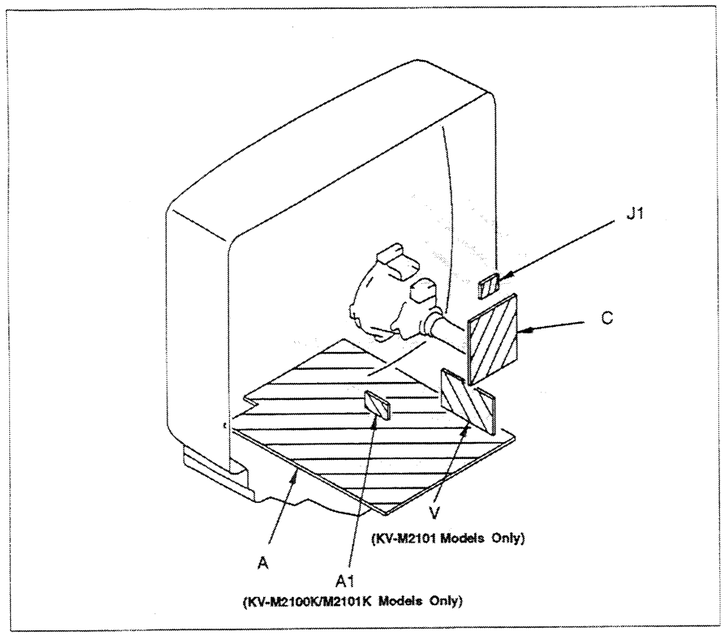
4-4. V BOARD ADJUSTMENT [M2101 Models only]



RGB LEVEL Adjustment (RV01)

1. Set PICTURE to maximum.
2. Adjust RV01 till the RGB output becomes maximum.

5-1. CIRCUIT BOARD LOCATION



Note :

- All capacitors are in µF unless otherwise noted. pF: µµF 50WV or less are not indicated except for electrolytic and tantalums.
- All resistors are in ohms.
  kΩ = 1000Ω , MΩ = 1000KΩ
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5 mm
Rating electrical power ¼ W

- : nonflammable resistor.
- △ : internal component.
- ▭ : panel designation, or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- ⊥ : earth - ground.
- ⏚ : earth - chassis.
- # : no mounted.

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with part number specified.

Reference information

RESISTOR	: RN	METAL FILM
	: RC	SOLID
	: FPRD	NONFLAMMABLE CARBON
	: FUSE	NONFLAMMABLE FUSIBLE
	: RS	NONFLAMMABLE METAL OXIDE
	: RB	NONFLAMMABLE CEMENT
	: RW	NONFLAMMABLE WIREWOUND
	: ※	ADJUSTABLE RESISTOR
COIL	: LF-8L	MICRO INDUCTOR
CAPACITOR	: TA	TANTALUM
	: PS	STYROL
	: PP	POLYPROPYLENE
	: PT	MYLAR
	: MPS	METALIZED POLYESTER
	: MPP	METALIZED POLYPROPYLENE
	: ALB	BIPOLAR
	: ALT	HIGH TEMPERATURE
	: ALR	HIGH RIPPLE

- Readings are taken with a colour-bar signal input.
- Readings are taken with 10MΩ digital multimeter.
- Voltages are dc with respect to ground unless otherwise noted.
- Voltage variations may be noted due to normal production tolerances.
- All voltages are in V.
- Circled numbers are waveform references.
- ▬ : B+ bus.
- ▒ : signal path. (RF)

KV-M2100/M2101
RM-841

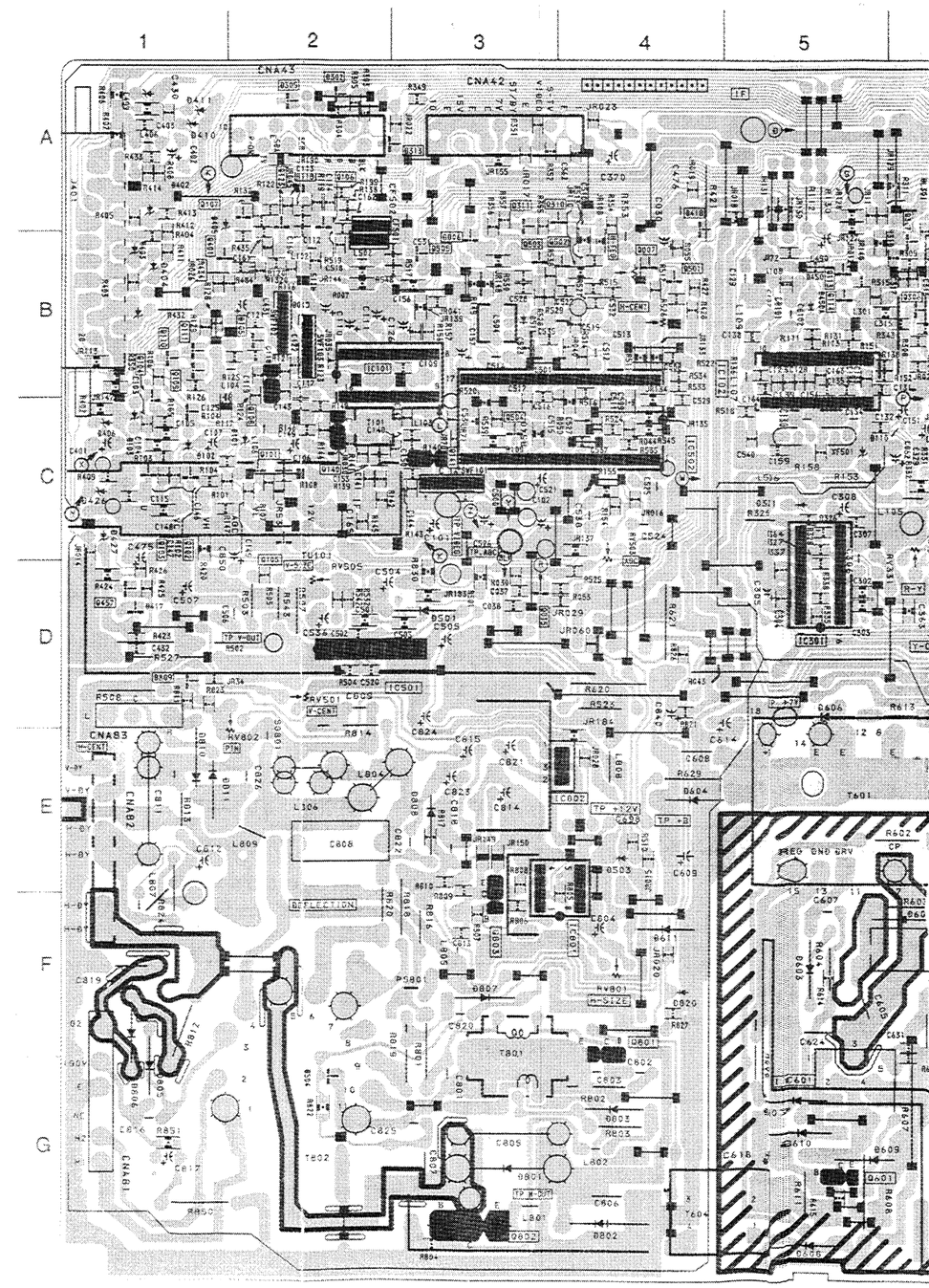
A SYSTEM CONTROL
H/V OUT, MEMORY, CHROMA

5-2. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS.

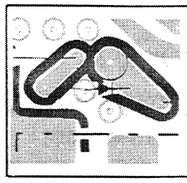
A Board

DIODE		DIODE		TRANSISTOR	
D002	E-10	D604	E-4	Q001	D-8
D004	C-9	D605	E-6	Q003	C-9
D007	B-8	D606	D-5	Q004	D-10
D008	D-10	D607	G-5	Q005	B-8
D009	B-8	D608	H-5	Q006	C-8
D011	E-8	D609	G-5	Q007	B-4
D020	B-8	D610	G-5	Q015	D-3
D110	C-5	D611	F-4	Q016	D-10
D301	C-6	D801	G-3	Q017	E-9
D302	A-2	D802	H-4	Q019	D-10
D303	B-6	D803	G-4	Q020	D-8
D305	A-2	D805	G-1	Q104	C-1
D306	B-6	D806	F-1	Q106	A-2
D313	A-3	D807	F-3	Q107	A-2
D321	C-5	D808	E-3	Q112	A-7
D324	A-7	D810	E-1	Q114	B-5
D334	B-6	D811	E-1	Q115	A-6
D402	A-1	D820	F-4	Q123	A-2
D403	B-1	**IC**		Q141	C-3
D404	B-1	IC001	C-9	Q302	C-7
D405	A-1	IC002	D-9	Q304	B-6
D406	C-1	IC003	D-10	Q305	B-6
D411	A-1	IC004	E-9	Q307	B-6
D417	D-1	IC005	B-8	Q310	A-3
D418	A-4	IC102	B-5	Q311	A-3
D426	C-1	IC201	F-8	Q401	B-1
D427	C-1	IC301	D-5	Q457	D-1
D450	B-5	IC302	B-7	Q504	C-3
D501	D-3	IC331	C-7	Q505	B-3
D503	E-4	IC501	D-2	Q601	G-5
D504	G-2	IC502	C-4	Q801	F-4
D519	C-8	IC601	G-5	Q802	H-3
D601	F-7	IC801	F-3	Q803	F-3
D602	F-6	IC802	E-4		
D603	F-5	**TRIMMER**		**VARIABLE RESISTOR**	
		CT331	C8	RV001	D-9
		CT332	C8	RV501	D-2
				RV502	B-4
				RV503	C-4
				RV505	D-2
				RV801	F-4
				RV802	E-2

— A Board —



KV-M2100/M2101
RM-841



NOTE:
The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.

A SYSTEM CONTROL
H/V OUT, MEMORY, CHROMA

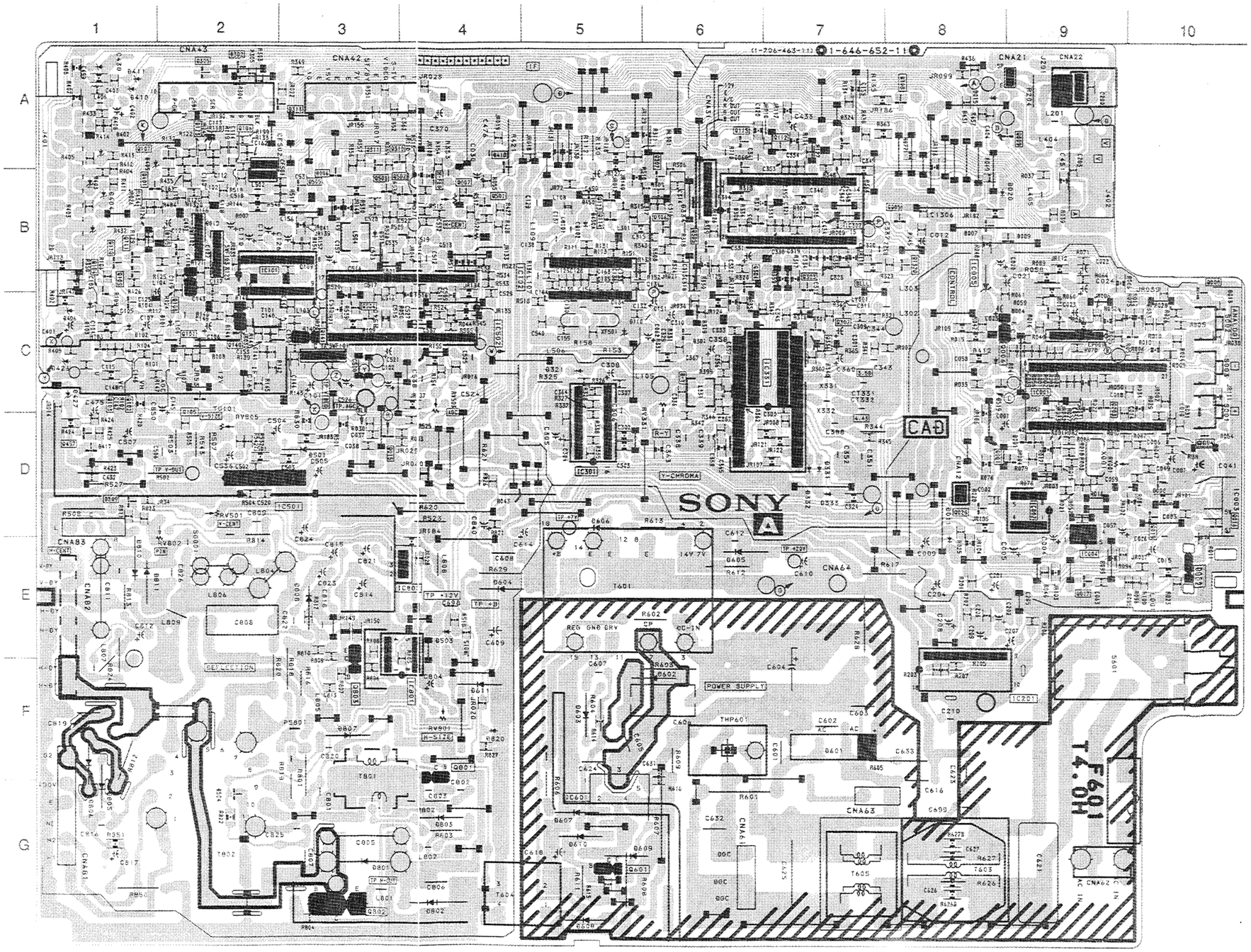
5-2. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS.

— A Board —

A Board

DIODE		DIODE		TRANSISTOR	
D002	E-10	D604	E-4	Q001	D-8
D004	C-9	D605	E-6	Q003	C-9
D007	B-8	D606	D-5	Q004	D-10
D008	D-10	D607	G-5	Q005	B-8
D009	B-8	D608	H-5	Q006	C-8
D011	E-8	D609	G-5	Q007	B-4
D020	B-8	D610	G-5	Q015	D-3
D110	C-5	D611	F-4	Q016	D-10
D301	C-6	D801	G-3	Q017	E-9
D302	A-2	D802	H-4	Q019	D-10
D303	B-6	D803	G-4	Q020	D-8
D305	A-2	D805	G-1	Q104	C-1
D306	B-6	D806	F-1	Q106	A-2
D313	A-3	D807	F-3	Q107	A-2
D321	C-5	D808	E-3	Q112	A-7
D324	A-7	D810	E-1	Q114	B-5
D334	B-6	D811	E-1	Q115	A-6
D402	A-1	D820	F-4	Q123	A-2
D403	B-1			Q141	C-3
D404	B-1	IC		Q302	C-7
D405	A-1	IC001	C-9	Q304	B-6
D406	C-1	IC002	D-9	Q305	B-6
D411	A-1	IC003	D-10	Q307	B-6
D417	D-1	IC004	E-9	Q310	A-3
D418	A-4	IC005	B-8	Q311	A-3
D426	C-1	IC102	B-5	Q401	B-1
D427	C-1	IC201	F-8	Q457	D-1
D450	B-5	IC301	D-5	Q504	C-3
D501	D-3	IC302	B-7	Q505	B-3
D503	E-4	IC331	C-7	Q601	G-5
D504	G-2	IC501	D-2	Q801	F-4
D519	C-8	IC502	C-4	Q802	H-3
D601	F-7	IC601	G-5	Q803	F-3
D602	F-6	IC801	F-3		
D603	F-5	IC802	E-4		

TRIMMER		VARIABLE RESISTOR	
CT331	C8	RV001	D-9
CT332	C8	RV501	D-2
		RV502	B-4
		RV503	C-4
		RV505	D-2
		RV801	F-4
		RV802	E-2



MABLE CARBON
MABLE FUSIBLE
MABLE METAL OXIDE
MABLE CEMENT
MABLE WIREWOUND
LE RESISTOR
UCTOR

YLENE

) POLYESTER
) POLYPROPYLENE

ERATURE
LE

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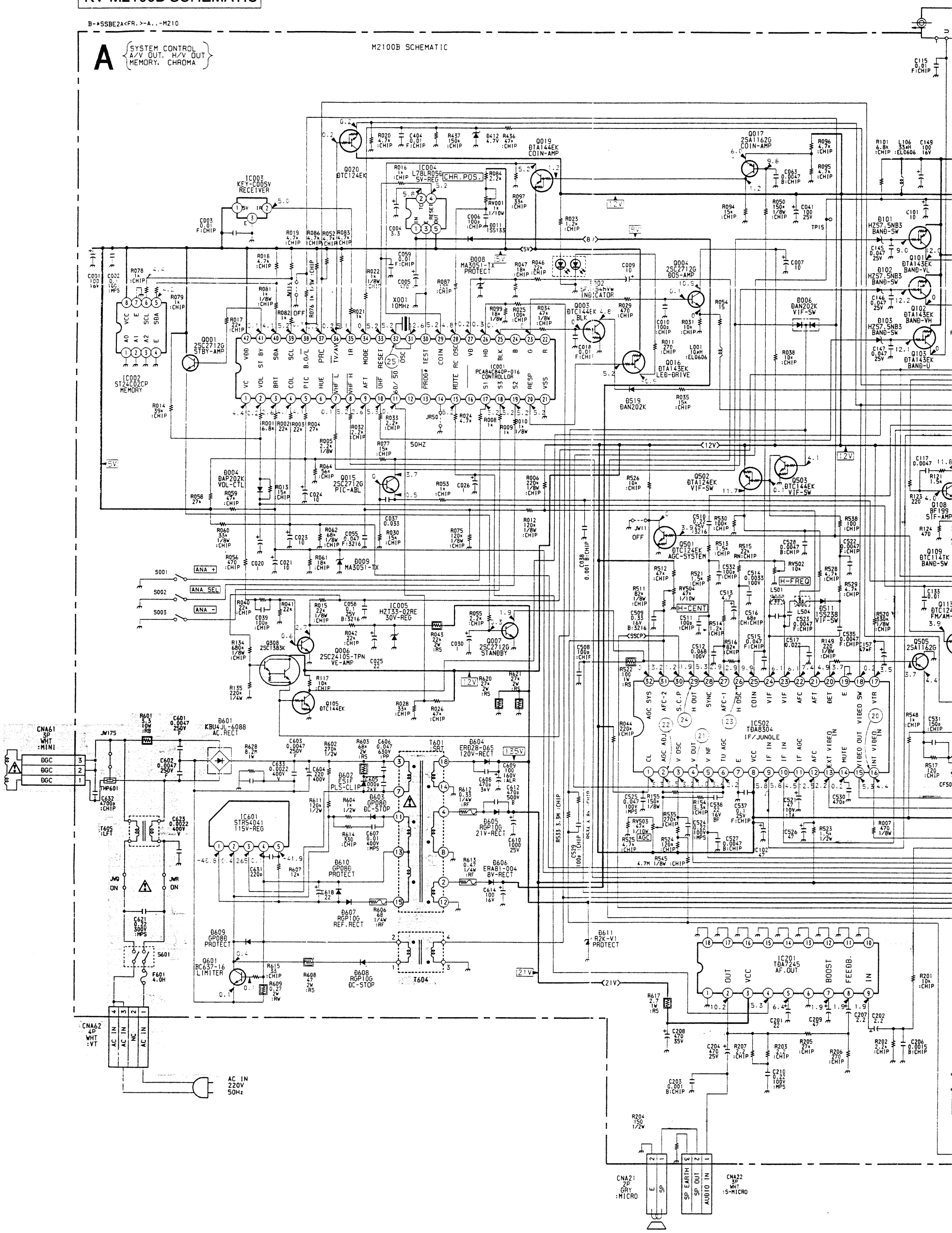
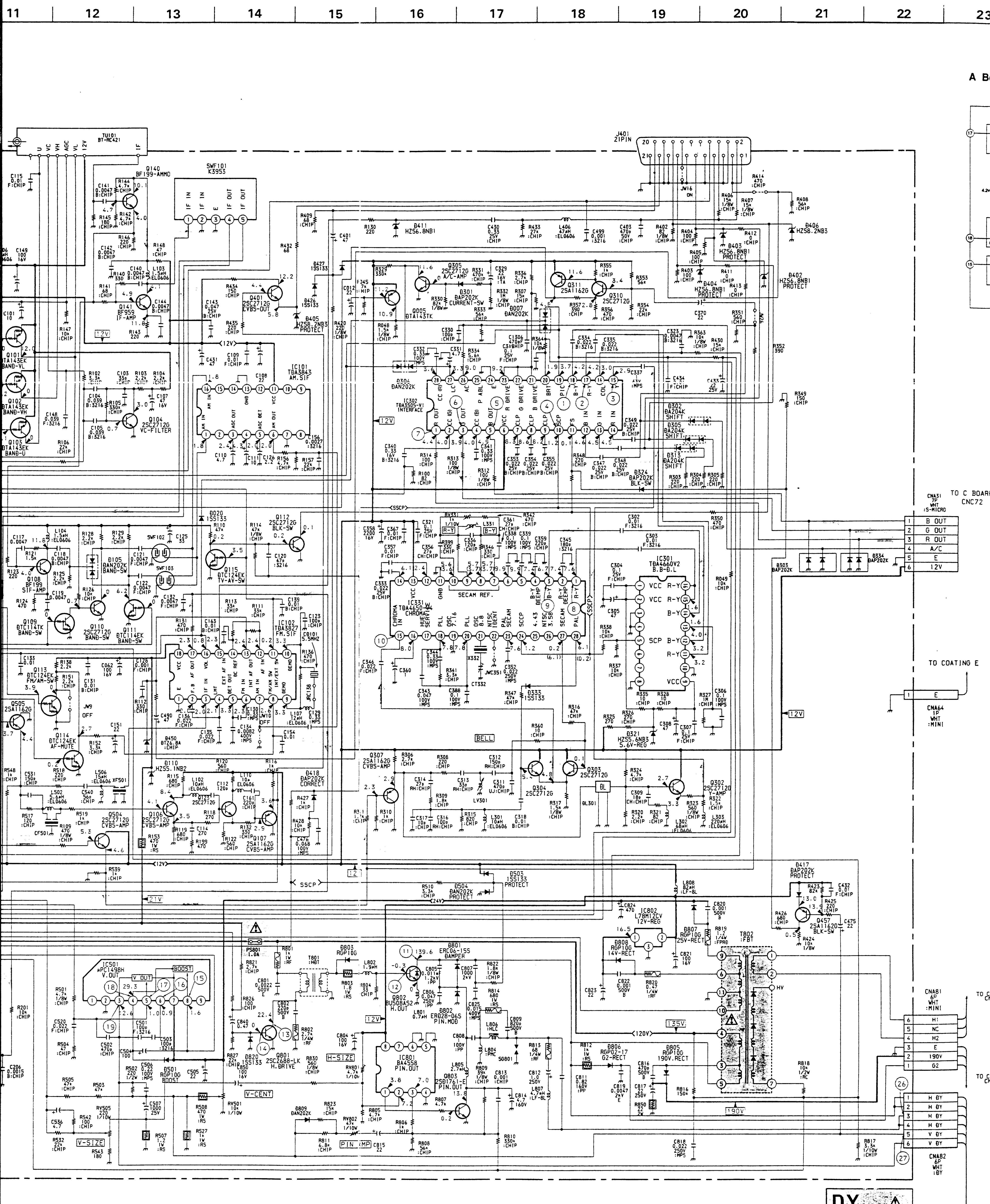
KV-M2100B SCHEMATIC

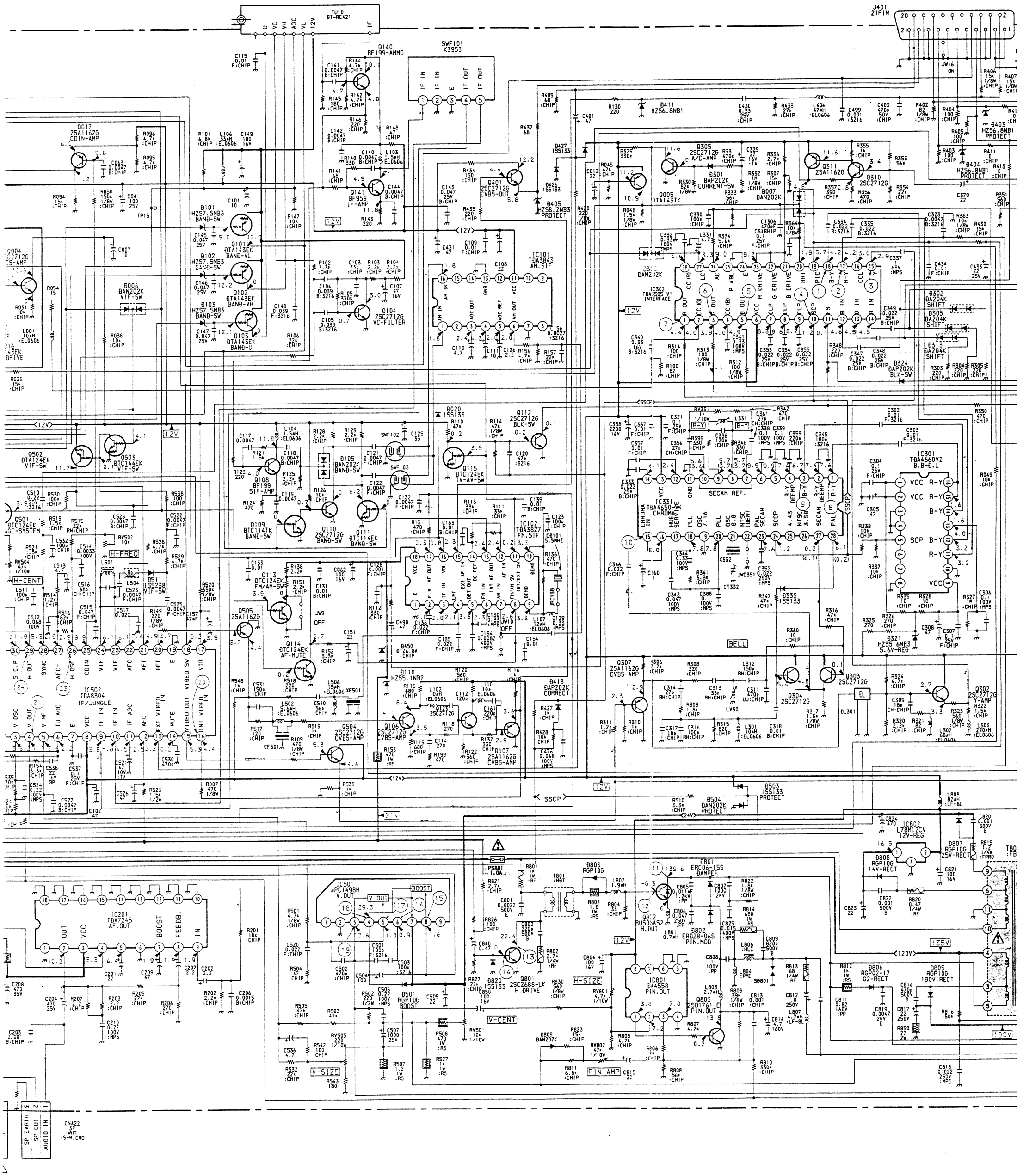
B-*SSBE2A<FR.>-A..-M210

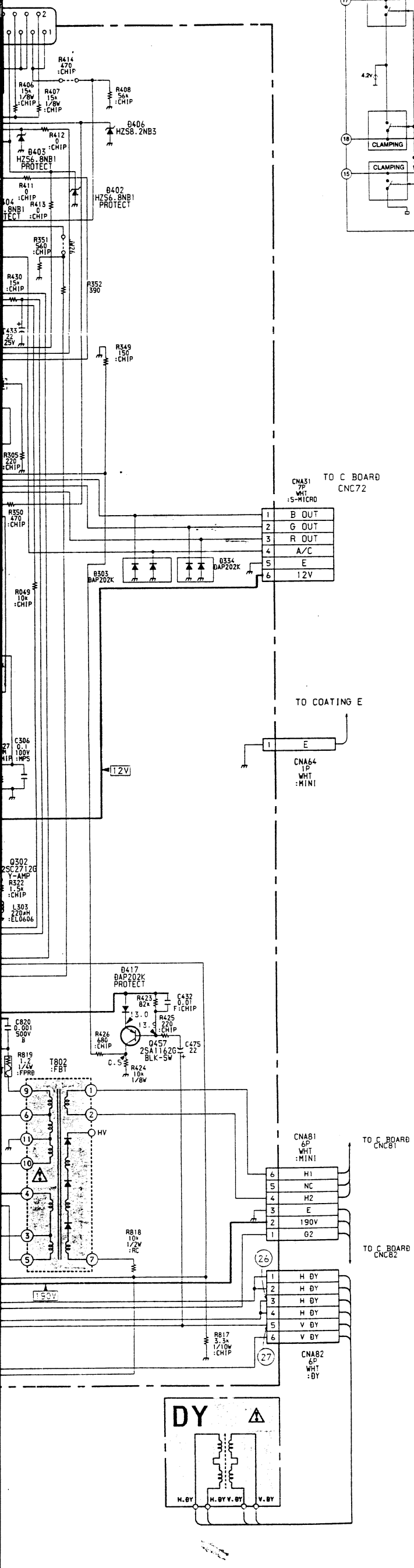
A {SYSTEM CONTROL, A/V OUT, H/V OUT, MEMORY, CHROMA}

M2100B SCHEMATIC

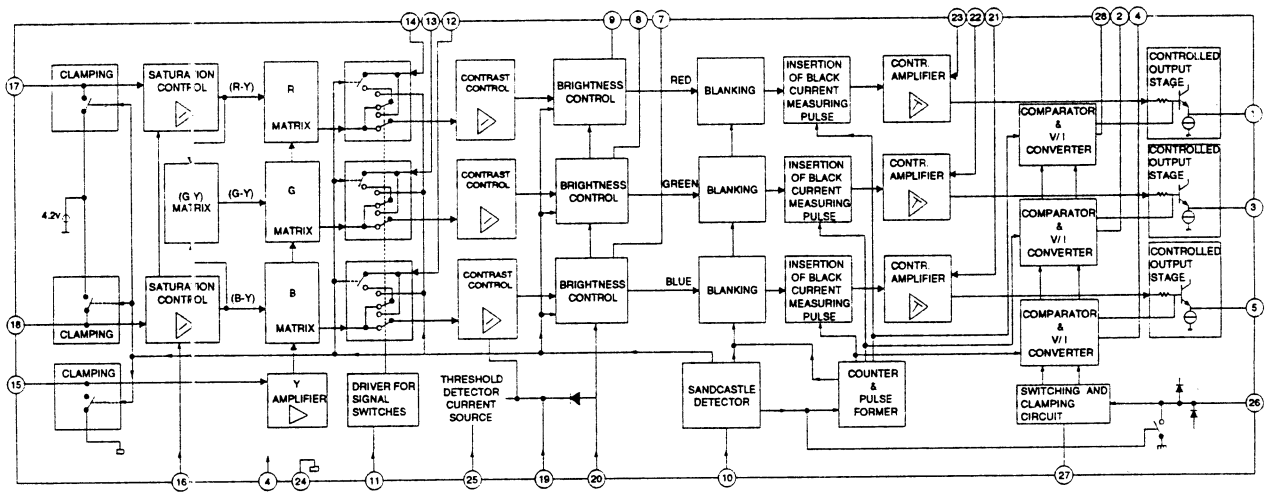



11 12 13 14 15 16 17 18 19 20 21 22 23
A BOARD
TU101 BT-RC421
Q140 BF199-AMMO
SWF101 K3953
Q141 BF959 IF-AMP
Q401 2SC2712G CVBS-OUT
D405 HZS8.2NB3 PROTECT
D411 HZS6.8NB1
J401 21PIN
JW16 ON
D406 HZS8.2NB3
D403 HZS6.8NB1 PROTECT
D404 HZS6.8NB1 PROTECT
D402 HZS6.8NB1 PROTECT
Q305 2SC2712G A/C-AMP
D301 DAP202K CURRENT-SW
Q005 DTA143TK
Q311 2SA1162G
Q310 2SC2712G
D007 DAN202K
Q101 DTA143EK BAND-VL
Q102 DTA143EK BAND-VH
Q103 DTA143EK BAND-U
Q104 2SC2712G VC-FILTER
IC101 TDA3843 AM.SIF
D306 DAN202K
IC302 TDA3505-V1 INTERFACE
D302 DA204K SHIFT
D305 DA204K SHIFT
D313 DA204K SHIFT
D324 DAP202K BLK-SW
TO C BOARD CNC72
CNA31 7P WHT :S-MICRO
B OUT
G OUT
R OUT
A/C
E
12V
D303 DAP202K
D334 DAP202K
D020 1SS133
Q112 2SC2712G BLK-SW
Q115 DTC124EK TV-AV-SW
D105 DAN202K BAND-SW
Q108 BF199 SIF-AMP
Q109 DTC114TK BAND-SW
Q110 2SC2712G BAND-SW
Q111 DTC114EK BAND-SW
IC331 TDA4650-V4 CHROMA
SECAM REF.
IC301 TDA4660V2 B.B-D.L
TO COATING E
CNA64 1P WHT :MINI
Q113 DTC124EK FM/AM-SW
Q505 2SA1162G
JW9 OFF
Q114 DTC124EK AF-MUTE
IC102 TDA3827 FM.SIF
CB101 5.5MHZ
D450 BTZ6.8A
D333 1SS133
D321 HZS5.6NB3 5.6V-REG
BELL
D110 HZS5.1NB2
D418 DAP202K CORRECT
Q106 2SC2712G CVBS-AMP
Q123 2SC2712G
Q107 2SA1162G CVBS-AMP
Q504 2SC2712G CVBS-AMP
CF501
Q307 2SA1162G CVBS-AMP
LV301
Q304 2SC2712G
Q303 2SC2712G
DL301
Q302 2SC2712G Y-AMP
SSCP
D503 1SS133 PROTECT
D504 DAN202K PROTECT
D417 DAP202K PROTECT
Q457 2SA1162G BLK-SW
IC802 L78M12CV 12V-REG
D807 RGP10G 25V-RECT
D808 RGP10G 14V-RECT
T802 :FBT
HV
PS801 1.0A
D803 RGP10G
T801 :HDT
D801 ERC06-15S DAMPER
IC501 μPC1498H V.OUT
V OUT
BOOST
Q802 BU508AS2 H.OUT
D802 ERD28-06S PIN.MOD
Q801 2SC2688-LK H.DRIVE
D820 1SS133
D501 RGP10G BOOST
H-SIZE
IC801 BA4558 PIN.OUT
Q803 2SD1761-E PIN.OUT
SG801
V-CENT
V-SIZE
PIN AMP
D809 DAN202K
D806 RGP02-17 G2-RECT
D805 RGP10G 190V.RECT
135V
120V
190V
CNA81 6P WHT :MINI
H1
NC
H2
E
190V
G2
CNA82 6P WHT :DY
H DY
V DY
DY
H.DY
V.DY

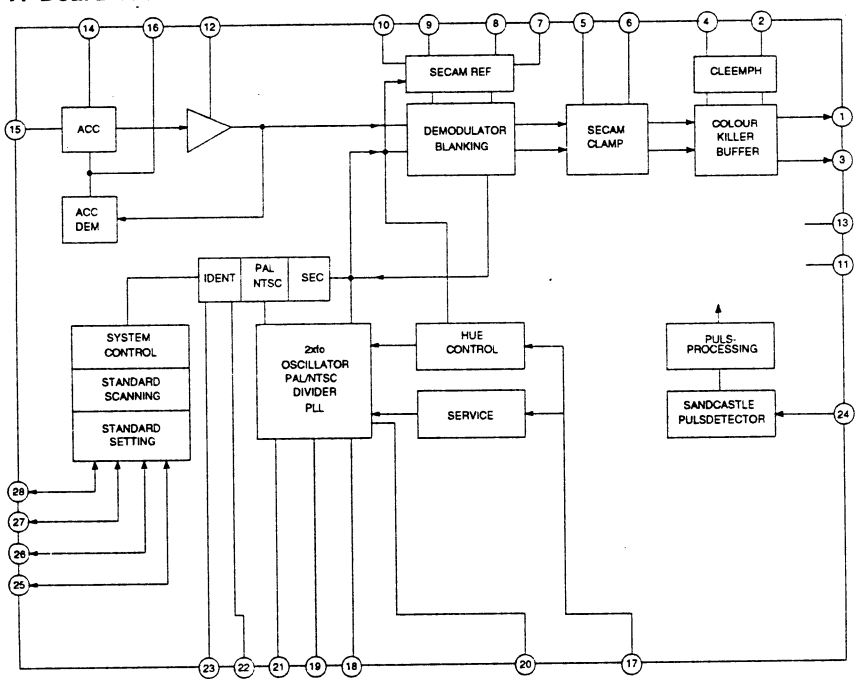

TU101 BT-RC421
U VC VH AGC VL 12V IF
J401 21PIN
SWF101 K3953
IF IN IF IN E IF OUT IF OUT
Q140 BF199-AMMO
Q141 BF959 IF-AMP
Q017 2SA1162G COIN-AMP
Q005 DTA143TK
Q301 DAP202K CURRENT-SW
Q305 2SC2712G A/C-AMP
Q311 2SA1162G
Q310 2SC2712G
Q401 2SC2712G CVBS-OUT
D007 DAN202K
D101 HZS7.5NB3 BAND-SW
D102 HZS7.5NB3 BAND-SW
D103 HZS7.5NB3 BAND-SW
Q101 DTA143EK BAND-VL
Q102 DTA143EK BAND-VH
Q103 DTA143EK BAND-U
Q104 2SC2712G VC-FILTER
IC101 TDA3843 AM.SIF
D006 DAN202K VIF-SW
Q004 2SC2712G AGC-AMP
Q502 DTA124EK VIF-SW
Q503 DTC144EK VIF-SW
Q108 BF199 SIF-AMP
Q109 DTC114TK BAND-SW
Q110 2SC2712G BAND-SW
Q111 DTC114EK BAND-SW
D105 DAN202K BAND-SW
Q112 2SC2712G BLK-SW
Q115 DTC124EK TV-AV-SW
D020 1SS133
Q501 DTC124EK AGC-SYSTEM
Q113 DTC124EK FM/AM-SW
Q114 DTC124EK AF-MUTE
Q505 2SA1162G
Q506 2SC2712G CVBS-AMP
Q107 2SA1162G CVBS-AMP
IC102 TDA3827 FM.SIF
IC331 THA4650-4E CHROMA
IC301 TDA4660V2 B.B-D.L
IC502 TDA8304 IF/JUNGLE
IC201 TDA7245 AF.OUT
IC501 μPC1498H V.OUT
IC801 BA4558 PIN.OUT
IC802 L78M12CV 12V-REG
IC332 TDA9505-V1 INTERFACE
D411 HZS6.8NB1
D403 HZS6.8NB1 PROTECT
D404 HZS6.8NB1 PROTECT
D427 1SS133
D426 1SS133
D405 HZS8.2NB3 PROTECT
D110 HZS5.1NB2
D418 DAP202K CORRECT
D450 DTZ6.8A
D321 HZS5.6NB3 5.6V-REG
D333 1SS133
D302 DA204K SHIFT
D305 DA204K SHIFT
D313 DA204K SHIFT
D324 DAP202K BLK-SW
D503 1SS133 PROTECT
D504 DAN202K PROTECT
D801 ERC06-15S DAMPER
D802 ERB28-06S PIN.MOD
D803 RGP10G
D804 RGP10G
D806 RGP02-17 G2-RECT
D807 RGP10G 25V-RECT
D808 RGP10G 14V-RECT
D805 RGP10G 190V.RECT
Q307 2SA1162G CVBS-AMP
Q304 2SC2712G
Q303 2SC2712G
Q302 2SC2712G Y-AMP
Q501 DTC124EK AGC-SYSTEM
Q502 DTA124EK VIF-SW
Q503 DTC144EK VIF-SW
Q801 2SC2688-LK H.DRIVE
Q802 BU508AS2 H.OUT
Q803 2SD1761-E PIN.OUT
H-FREQ
H-CENT
V-SIZE
V-CENT
H-SIZE
PIN AMP
BELL
SECAM REF.
SSCP
SG801
X352
CT332
JW9 OFF
JW10 OFF
JW16 ON
TP15
CNA22 3P WHT :S-MICRO
SP EARTH
SP OUT
AUDIO IN
12V
24V
135V
120V
190V



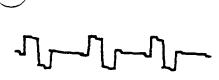
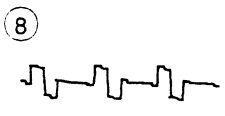
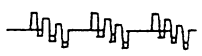
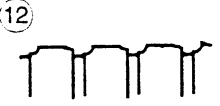
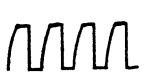
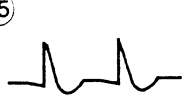
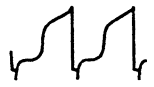
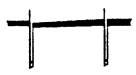
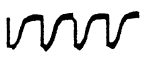
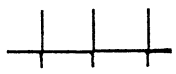
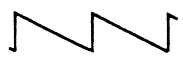
A Board IC302 TDA3505-V1



A Board IC331 TDA4650-V4



A BOARD WAVEFORMS

① 1.7 Vp-p (H)	②  1.2 Vp-p (H)	③ 0.38 Vp-p (H)	④ 9.0 Vp-p (H)
⑤ 2.4 Vp-p (H)	⑥ 2.5 Vp-p (H)	⑦ 2.5 Vp-p (H)	⑧  0.6 Vp-p (H)
⑨  0.6 Vp-p (H)	⑩ 0.24 Vp-p (H)	⑪ 750 Vp-p (H)	⑫  12 Vp-p (H)
⑬ 320 Vp-p (H)	⑭  1.5 Vp-p (H)	⑮  1.7 Vp-p (V)	⑯  2.5 Vp-p (V)
⑰  1.5 Vp-p (V)	⑱  2.2 Vp-p (V)	⑲ 50 Vp-p (V)	⑳ 1.7 Vp-p (H)
㉑  5.2 Vp-p (V)	㉒ 2.0 Vp-p (V)	㉓  2.2 Vp-p (H)	㉔ 4.0 Vp-p (H)
㉕ 1.7 Vp-p (10MHz)	㉖ 200 Vp-p (H)	㉗ 4.2 Vp-p (V)	

1 2 3 4 5 6 7 8 9 10 11 12

A B C D E F G H I J K L M N

A { SYSTEM CONTROL
A/V OUT, H/V OUT
MEMORY, CHROMA }

IC003 KEY-C005V RECEIVER
IC004 L78LR05D 5V-REG
IC001 PCA84C840P-016 CONTROLLOR
IC002 SDA2546 MEMORY
IC005 HZT33-02RE 30V-REG
IC502 T0A8304 IF/JUNGLE
IC201 T0A7245 AF.OUT
IC601 STRS4041 115V-REG

Q001 2SC2712G STBY-AMP
Q002 DTC124EK
Q003 DTC144EK BLK
Q004 2SC2712G
Q005 2SC2712G PIC-ABL
Q006 2SC2410S-TPN VC-AMP
Q007 2SC2712G STANDBY
Q014 DTA143EK LED-DRIVE
Q016 DTA143EK
Q017 2SA1162G COIN-AMP
Q019 DTA144EK COIN-AMP
Q020 DTC124EK
Q101 DTA143EK
Q102 DTA143EK
Q103 DTA143EK
Q106 2SC2712G
Q107 2SA1162G
Q114 DTC124EK AF-MUTE
Q123
Q505 2SA1162G
Q601 BC637-16 LIMITER

D001 MTZJ-T-77-7.5C
D002 SPR-54MVW INDICATOR
D004 DAP202K VOL-CTL
D008 MA3051 PROTECT
D009 MA3051
D011 1N4148
D102 MTZJ-T-77-7.5C
D103 MTZJ-T-77-7.5C
D519 DAN202K
D601 KBU4JL-6088 AC.RECT
D602 ESIF-V1 PLS-CLIP
D603 GP08D DC-STOP
D604 ER828-065
D605 BY0336 21V-RECT
D606 ERA81-004 8V-RECT
D607 BY0336 REF.RECT
D608 BY0336 DC-STOP
D609 GP08D PROTECT
D610 GP08D PROTECT
D611 R2K-V1 PL5-CLIP

T601 SRT
T604
F601 4.0A
S001 ANA +
S002 ANA SEL
S003 ANA -
S601
JW11
JW9
X001 10MHz
CF501 5.5MHz
CF502 6MHZ

CNA61 SP
CNA62 4P
CNA21 2P
CNA22 3P WHT

A/E MODELS ONLY
TP15
H.CENT
H.FREQ
V-SIZE
U MODEL ONLY
3 PIN PLUG ON UK MODELS
AC IN 220V 50Hz
TO J1 BOARD CNJ-2001
B-*SSBE2A<PAL>-A..-M210

A Board

KV-M2101 ONLY

TO V BOARD CNV1

CNA42 10P

TO V BOARD CNV2

CNA43 10P

TO C BOARD CNC72

TO COATING E

CNA64 1P

CNA81 6P

TO C BOARD CNC81

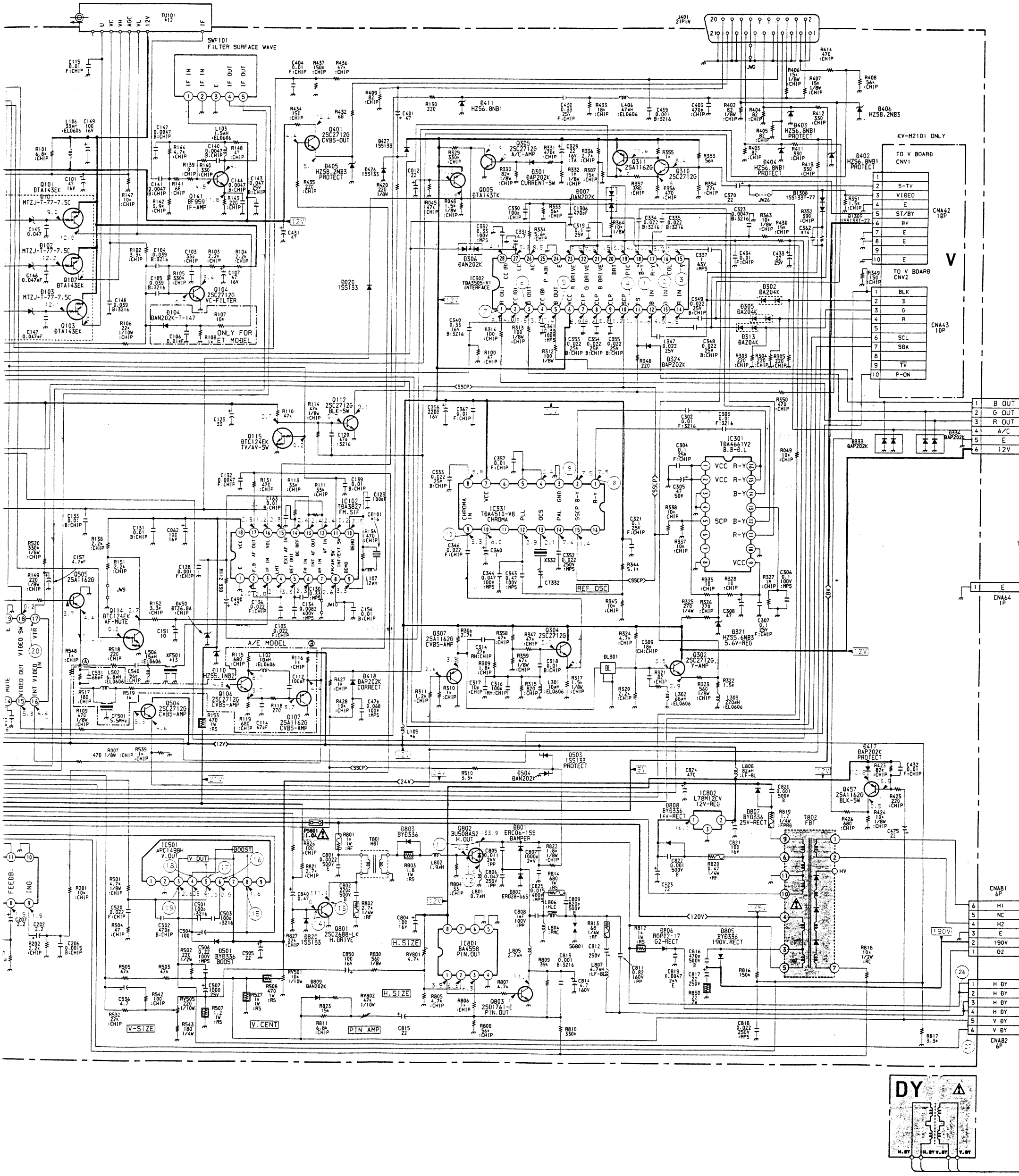
TO C BOARD CNC82

CNA82 6P

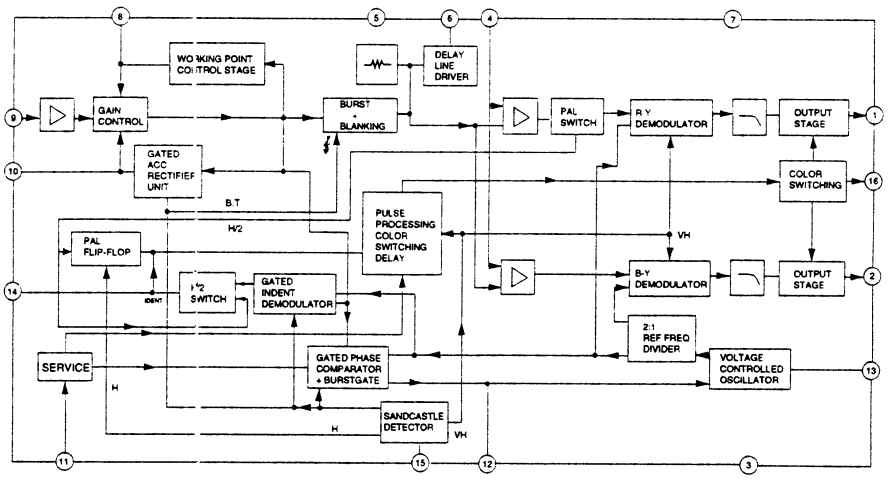
ONLY FOR ET MODEL

A/E MODEL

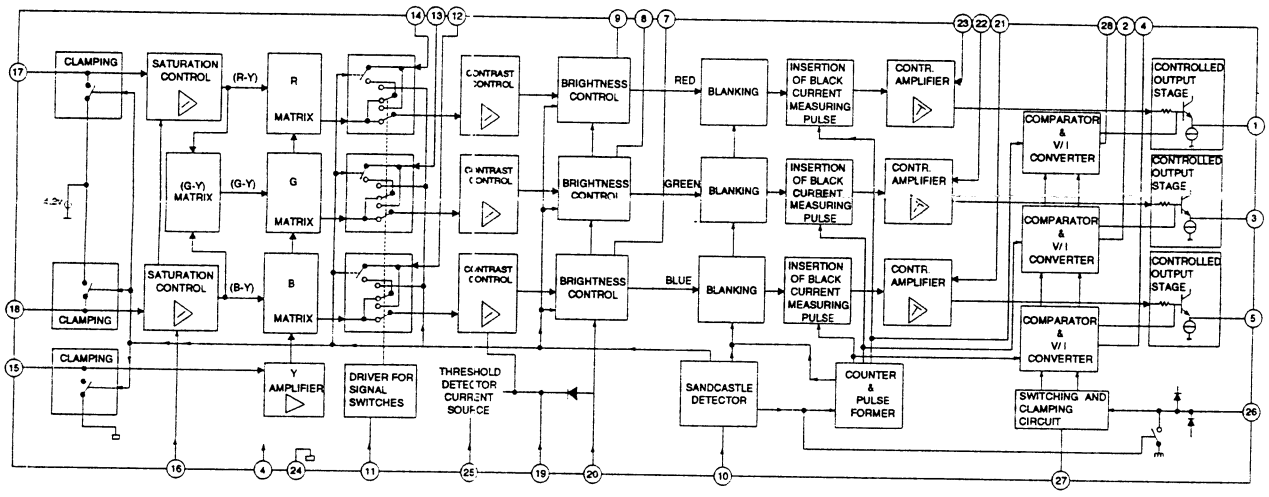
DY


TU101 #12
U VC VH AGC VL 12V IF
SWF101 FILTER SURFACE WAVE
IF IN IF IN E IF OUT IF OUT
J401 21PIN
KV-M2101 ONLY
TO V BOARD CNV1
TO V BOARD CNV2
CNA42 10P
CNA43 10P
CNA64 1P
CNA82 6P
IC301 TDA4661V2 B.B-D.L
IC302 TDA3505-V1 INTERFACE
IC331 TDA4510-V8 CHROMA
REF OSC
IC102 TDA3827 FM.SIF
IC501 μPC1498H V.OUT
IC801 BA4558 PIN.OUT
IC802 L78M12CV 12V-REG
Q305 2SC2712G A/C-AMP
Q311 2SA1162G
Q310 2SC2712G
Q005 DTA143TK
Q007 DAN202K
Q306 2SC2712G
Q307 2SA1162G CVBS-AMP
Q304 2SC2712G
Q302 2SC2712G Y-AMP
Q303 2SA1162G
Q401 2SC2712G CVBS-OUT
Q141 BF959 IF-AMP
Q104 2SC2712G VC-FILTER
Q106 2SC2712G CVBS-AMP
Q107 2SA1162G CVBS-AMP
Q504 2SC2712G CVBS-AMP
Q505 2SA1162G
Q114 DTC124EK AF-MUTE
Q115 DTC124EK TV/AV-SW
Q112 2SC2712G BLK-SW
Q457 2SA1162G BLK-SW
Q801 2SC2688-LK H.DRIVE
Q802 BU508AS2 H.OUT
Q803 2SD1761-E PIN.OUT
D411 HZS6.8NB1
D406 HZS8.2NB3
D403 HZS6.8NB1 PROTECT
D404 HZS6.8NB1 PROTECT
D402 HZS6.8NB1 PROTECT
D405 HZS8.2NB3 PROTECT
D306 DAN202K
D302 DA204K
D305 DA204K
D313 DA204K
D324 DAP202K
D321 HZS5.6NB3 5.6V-REG
D333 DAP202K
D334 DAP202K
D417 DAP202K PROTECT
D503 1SS133 PROTECT
D504 DAN202K
D807 BYD336 25V-RECT
D808 BYD336 14V-RECT
D803 BYD336
D501 BYD336 BOOST
D801 ERC06-155 DAMPER
D802 ERD28-06S
D806 RGP02-17 G2-RECT
D805 BYD336 190V.RECT
D809 DAN202K
D110 HZS5.1NB2
D418 DAP202K CORRECT
D020 1SS133
D427 1SS133
D426 1SS133
T801 HOT
T802 FBT
L406 47μH :EL0606
L103 1.5μH :EL0606
L106 33μH :EL0606
L502 6.8μH :EL0606
L506 15μH :EL0606
L105 #6
L301 10μH :EL0606
L302 68μH :EL0606
L303 220μH :EL0606
L107 12μH
L801 0.7μH
L802 1.9μH
L804 :PMC
L805 2.7μH
L806 :HLC
L807 4.7μH :LF-8L
L808 82μH :LF-8L
XF501 #13
CF501 5.5MHz
X332 CT332
DL301 DL
PS801 1.0A
TO COA
TO CN
V
V-SIZE
V.CENT
H.SIZE
PIN AMP
BOOST
FEEDB.
ING
MUTE
VIDEO OUT
INT VIDEO IN
VTR
A/E MODEL
ONLY FOR ET MODEL
S-TV
VIDEO
E
ST/BY
8V
BLK
B
G
R
SCL
SDA
P-ON
B OUT
G OUT
R OUT
A/C
12V
H1
NC
H2
190V
G2
H DY
V DY
DY
H.BY
H.BY V.BY
V.BY

A Board IC331 TDA4510-V8



A Board IC302 TDA3505-V1



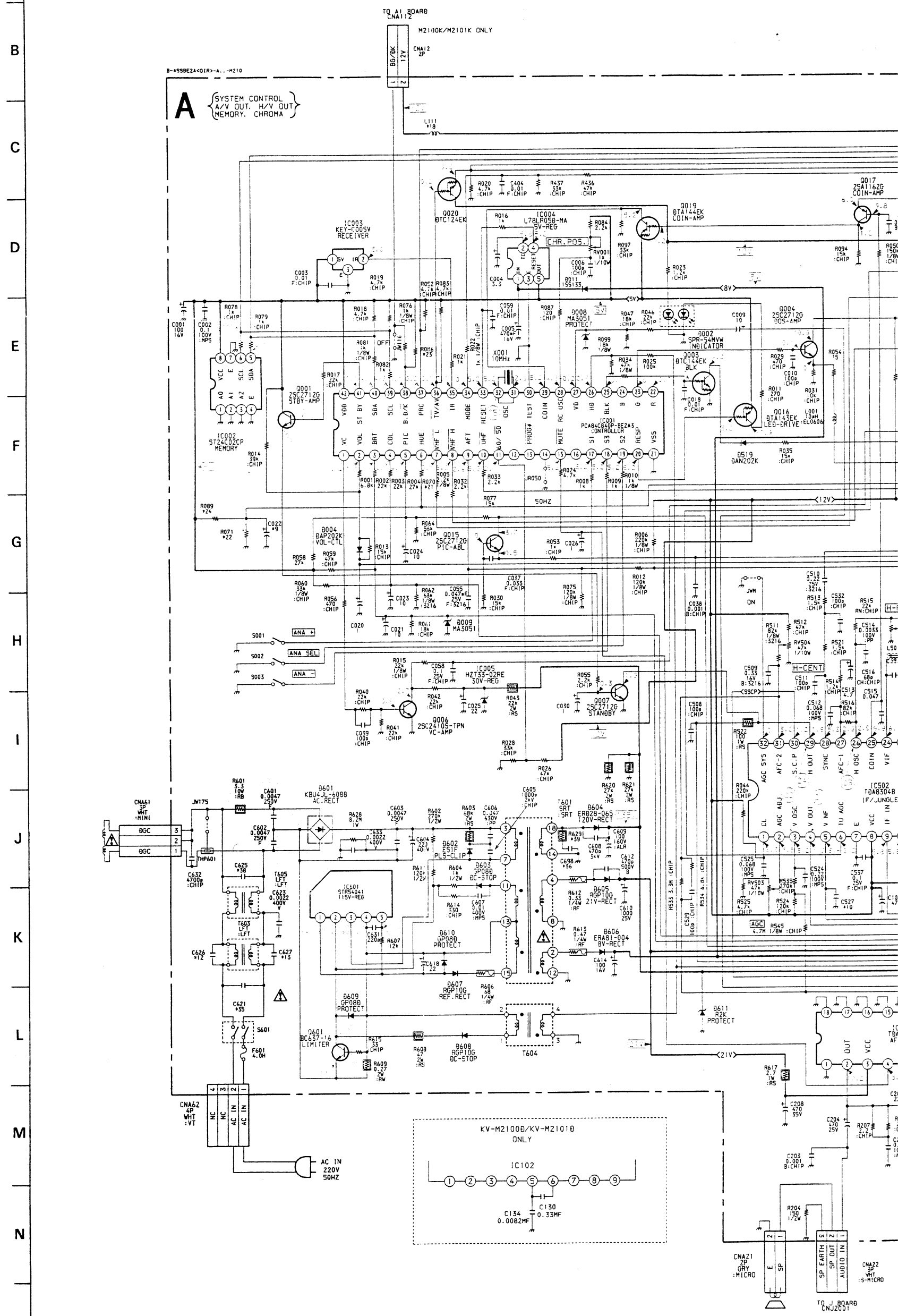
A Board
* Mark List

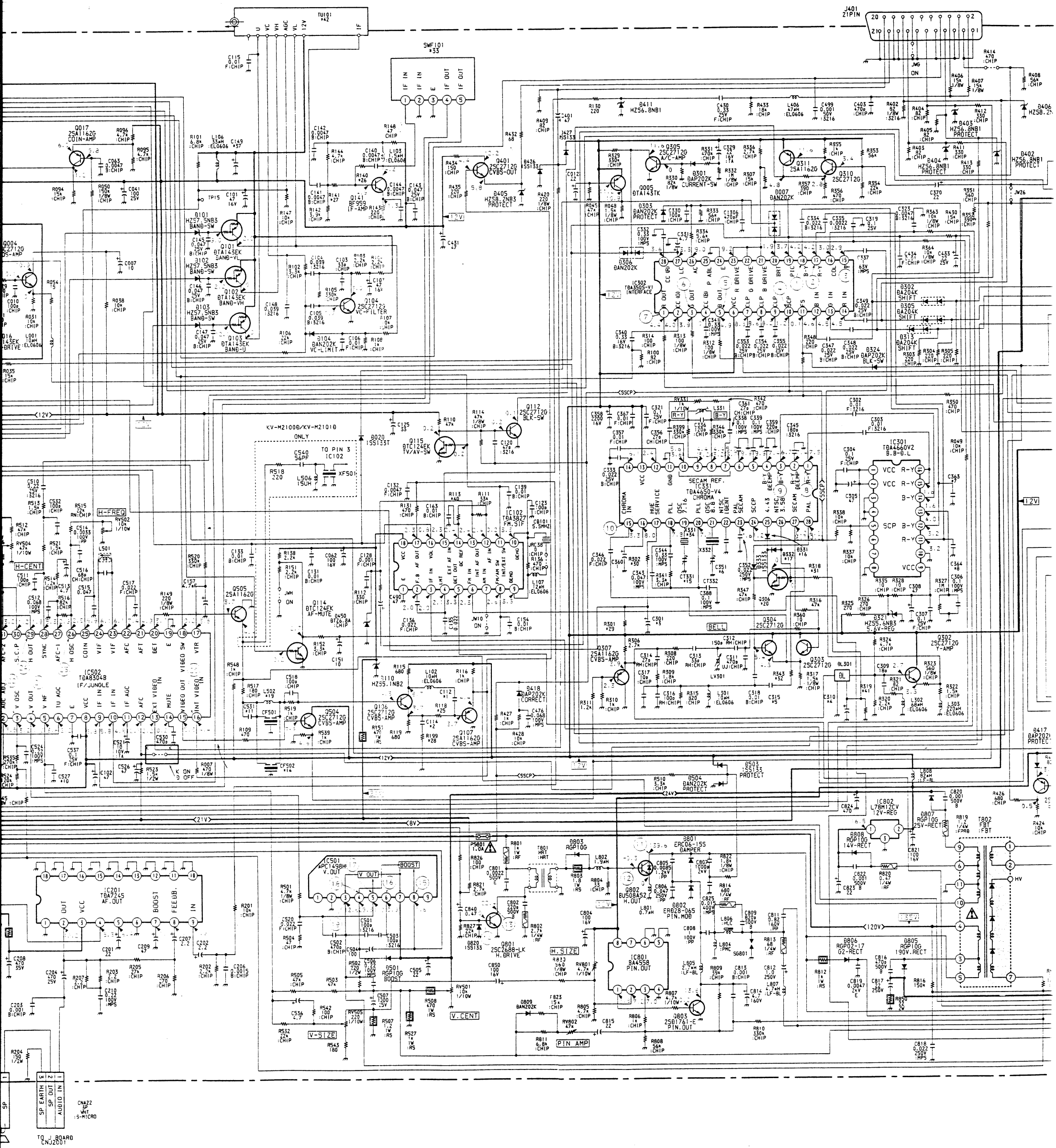
		M2100A	M2100E	M2101U
*1	C621	0.68uF	0.22uF	0.22uF
*2	C527	0.01uF	0.0047uF	0.0047uF
*3	C625	0..68uF	0.22uF	———
*4	C632	0.0047pF	———	0.0047uF
*5	C698	330pF	———	———
*6	L105	10uH	———	JUMPER
*7	R626	47K	———	———
*8	R627	47K	———	———
*9	T603	LFT	LFT	———
*10	C626	———	15pF	———
*11	C627	———	15pF	———
*12	TU101	BT-3C	BT-3C	BT-3C421
*13	XF501	5.5MHz	5.5MHz	6MHz
*14	C362	———	———	100pF
*15	R629	330	———	———
*16	CD101	5.5MHz	5.5MHz	6MHz

——— NOT MOUNTED

A BOARD WAVEFORMS

① 1.7 Vp-p (H)	② 1.2 Vp-p (H)	③ 0.5 Vp-p (H)	④ 8.5 Vp-p (H)
⑤ 3.2 Vp-p (H)	⑥ 2.5 Vp-p (H)	⑦ 2.5 Vp-p (H)	⑧ 0.6 Vp-p (H)
⑨ 0.6 Vp-p (H)	⑩ 0.24 Vp-p (H)	⑪ 800 Vp-p (H)	⑫ 15.0 Vp-p (H)
⑬ 230 Vp-p (H)	⑭ 1.4 Vp-p (H)	⑮ 2.4 Vp-p (V)	⑯ 2.0 Vp-p (V)
⑰ 1.3 Vp-p (V)	⑱ 2.0 Vp-p (V)	⑲ 50 Vp-p (V)	⑳ 2.0 Vp-p (H)
㉑ 1.6 Vp-p (V)	㉒ 1.8 Vp-p (V)	㉓ 2.2 Vp-p (H)	㉔ 3.6 Vp-p (H)
㉕ 1.7 Vp-p (10MHz)	㉖ 160 Vp-p (H)	㉗ 4.6 Vp-p (V)	


A
SYSTEM CONTROL
A/V OUT. H/V OUT
MEMORY. CHROMA
TO A1 BOARD
CNA112
M2100K/M2101K ONLY
CNA12
2P
BG/DK
12V
IC003
KEY-C005V
RECEIVER
IC004
L78LR05D-MA
5V-REG
CHR.POS.
Q020
DTC124EK
Q019
DTA144EK
COIN-AMP
Q017
2SA1162G
COIN-AMP
Q004
2SC2712G
DOS-AMP
Q002
SPR-54MVW
INDICATOR
Q003
DTC144EK
BLK
Q016
DTA143EK
LED-DRIVE
IC001
PCA84C840P-BE2A3
CONTROLLOR
IC002
ST24C02CP
MEMORY
Q001
2SC2712G
STBY-AMP
Q015
2SC2712G
PIC-ABL
Q004
DAP202K
VOL-CTL
Q009
MA3051
Q008
MA3051
PROTECT
Q007
2SC2712G
STANDBY
Q006
2SC2410S-TPN
VC-AMP
IC005
HZT33-02RE
30V-REG
D519
DAN202K
D611
22K
PROTECT
IC502
TDA8304B
(F/JUNGLE
Q601
KBU4JL-6088
AC.RECT
Q602
FSTF
PLS-CLIP
Q603
GP08D
DC-STOP
Q604
ERB28-06S
120V-RECT
Q605
RGP10G
21V-RECT
Q606
ERA81-004
8V-RECT
Q607
RGP10G
REF.RECT
Q609
GP08D
PROTECT
Q610
GP08D
PROTECT
Q601
BC637-16
LIMITER
Q608
RGP10G
DC-STOP
IC601
STR54041
115V-REG
T601
SRT
T604
T605
LFT
T603
LFT
S601
F601
4.0H
THP601
JM175
CNA61
3P
WHT
:MINI
CNA62
4P
WHT
:VT
AC IN
220V
50HZ
CNA21
2P
GRY
:MICRO
CNA22
5P
WHT
:S-MICRO
TO J BOARD
CNJ2001
KV-M2100D/KV-M2101D
ONLY
IC102
C134
0.0082MF
C130
0.33MF
S001
S002
S003
ANA +
ANA SEL
ANA -
X001
10MHz
50HZ
H-CENT
JWM
ON
8V
5V
12V
21V


TU101 *42
U VC VH AGC VL 12V IF
SWF101 *33
IF IN IF IN E IF OUT IF OUT
J401 21PIN
JW6 ON
Q017 2SA1162G COIN-AMP
Q101 DTA143EK BAN0-SW
Q102 DTA143EK BAN0-VH
Q103 DTA143EK BAN0-U
Q104 2SC2712G VC-FILTER
Q105 2SC2712G CVBS-AMP
Q106 2SC2712G CVBS-AMP
Q107 2SA1162G CVBS-AMP
Q111 DTC124EK TV/AV-SW
Q112 2SC2712G BLK-SW
Q114 DTC124EK AF-MUTE
Q141 BF959 IF-AMP
Q301 DAP202K CURRENT-SW
Q303 2SC2712G
Q304 2SC2712G
Q305 2SC2712G A/C-AMP
Q307 2SA1162G CVBS-AMP
Q310 2SC2712G
Q311 2SA1162G
Q401 2SC2712G CVBS-OUT
Q501 2SA1162G
Q502 2SC2712G BLK-SW
Q503 2SC2712G Y-AMP
Q504 2SC2712G CVBS-AMP
Q505 2SA1162G
Q801 2SC2688-LK H.DRIVE
Q802 BU508AS2 H.OUT
Q803 2SD1761-E PIN.OUT
IC102 TDA3827 FM.SIF
IC201 TDA7245 AF.OUT
IC301 TDA4660V2 B.B-D.L
IC302 TDA3505-V1 INTERFACE
IC501 μPC1498H V.OUT
IC502 TDA8304B IF/JUNGLE
IC801 BA4558 PIN.OUT
IC802 L78M12CV 12V-REG
D9020 1SS133T
D9110 HZS5.1NB2
D9111 HZS6.8NB1
D9112 HZS6.8NB1
D9113 HZS6.8NB1
D9114 HZS6.8NB1
D9115 HZS6.8NB1
D9116 HZS6.8NB1
D9117 HZS6.8NB1
D9118 HZS6.8NB1
D9119 HZS6.8NB1
D9120 HZS6.8NB1
D9121 HZS5.6NB3 5.6V-REG
D9122 HZS6.8NB1
D9123 HZS6.8NB1
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D9227 HZS6.8NB1
D9228 HZS6.8NB1
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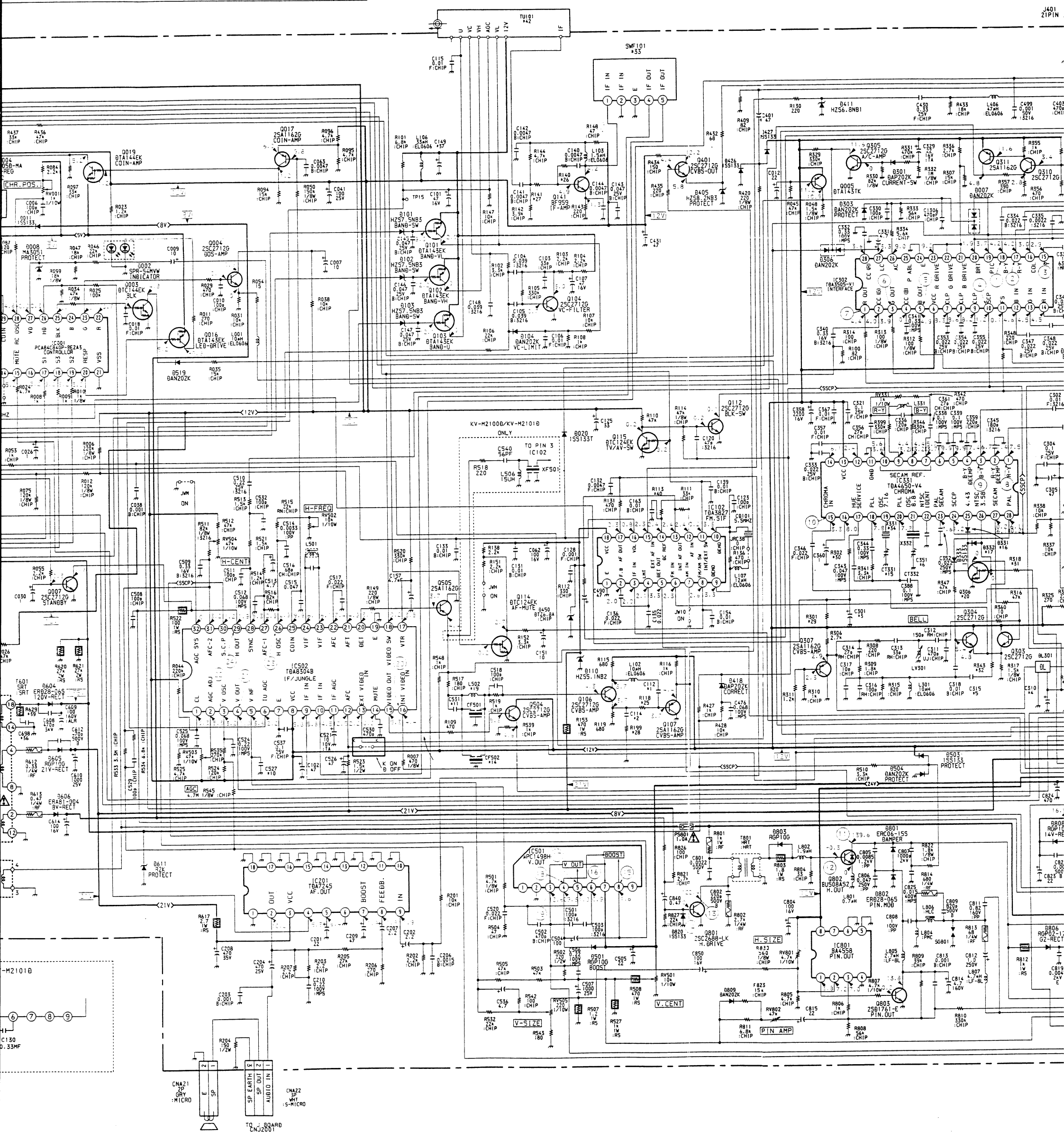
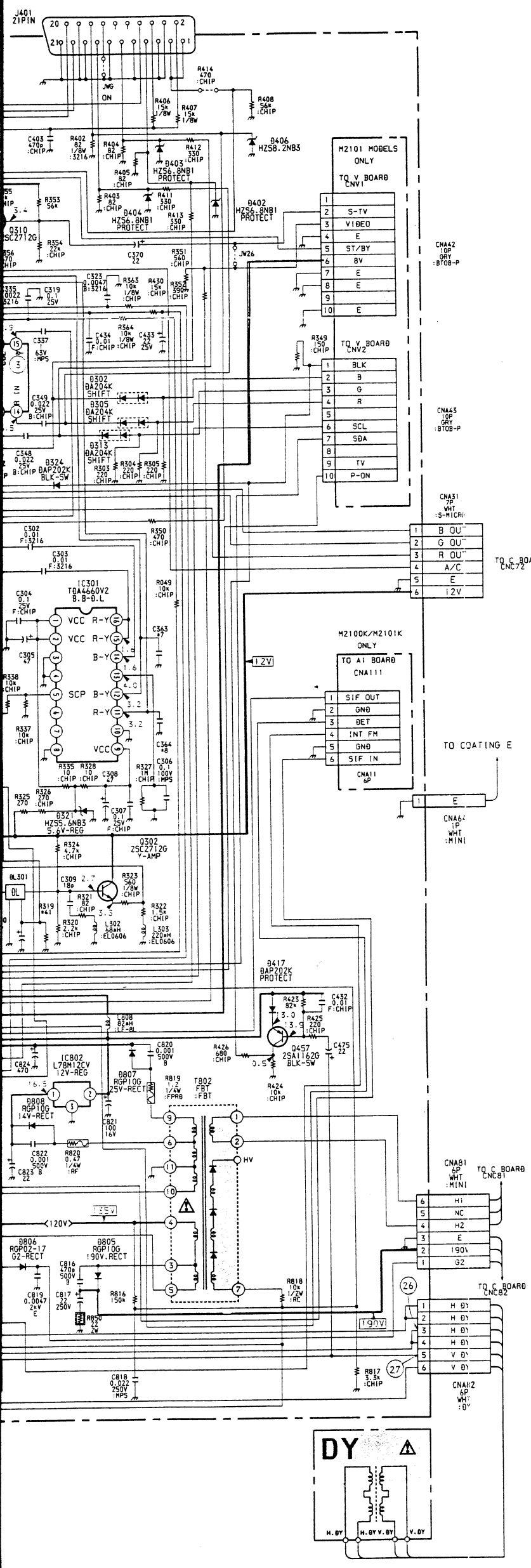
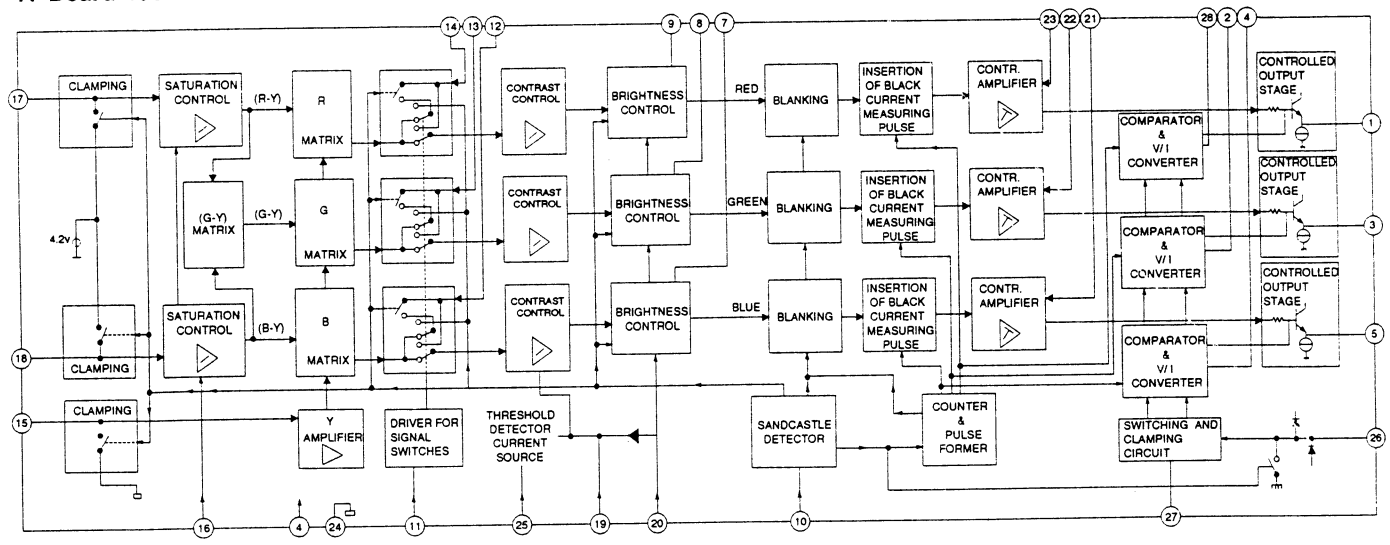
D9998 HZS6.8NB1
D9999 HZS6.8NB1
KV-M21000/KV-M21010 ONLY
TO PIN 3 IC102
XF501
H-FREQ
H-CENT
V-SIZE
V.CENT
PIN AMP
H.SIZE
BELL
BOOST
V OUT
SECAM REF.
CHROMA IN
HUE SERVICE
PLL
OSC 7.16
PLL
OSC 8.8
NTSC 4.43
PAL SECAM
SCCP
NTSC 3.58
SECAM
PAL
B-Y DEMP
R-Y DEMP
VCC R-Y B-Y SCP
CNJ2001
TO J BOARD
CNA22 SP WHT S-MICRO
SP EARTH
SP OUT
AUDIO IN
12V
21V
8V
24V
120V
SSCP

V-M2100K / M2101K / M2100D/ M2101D SCHEMATIC

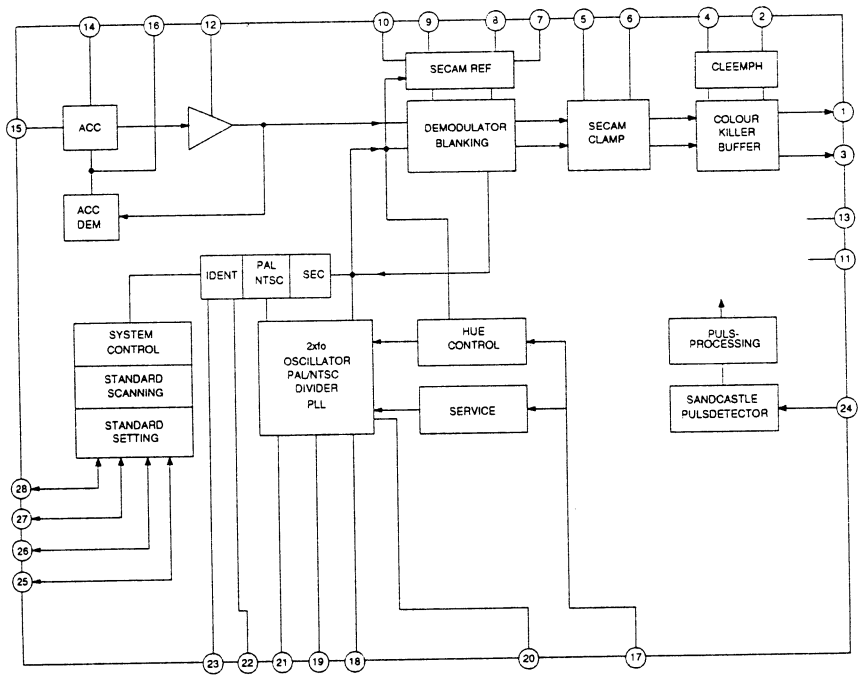




A Board IC302 TDA3505-V1



A Board IC331 TDA4650-V4



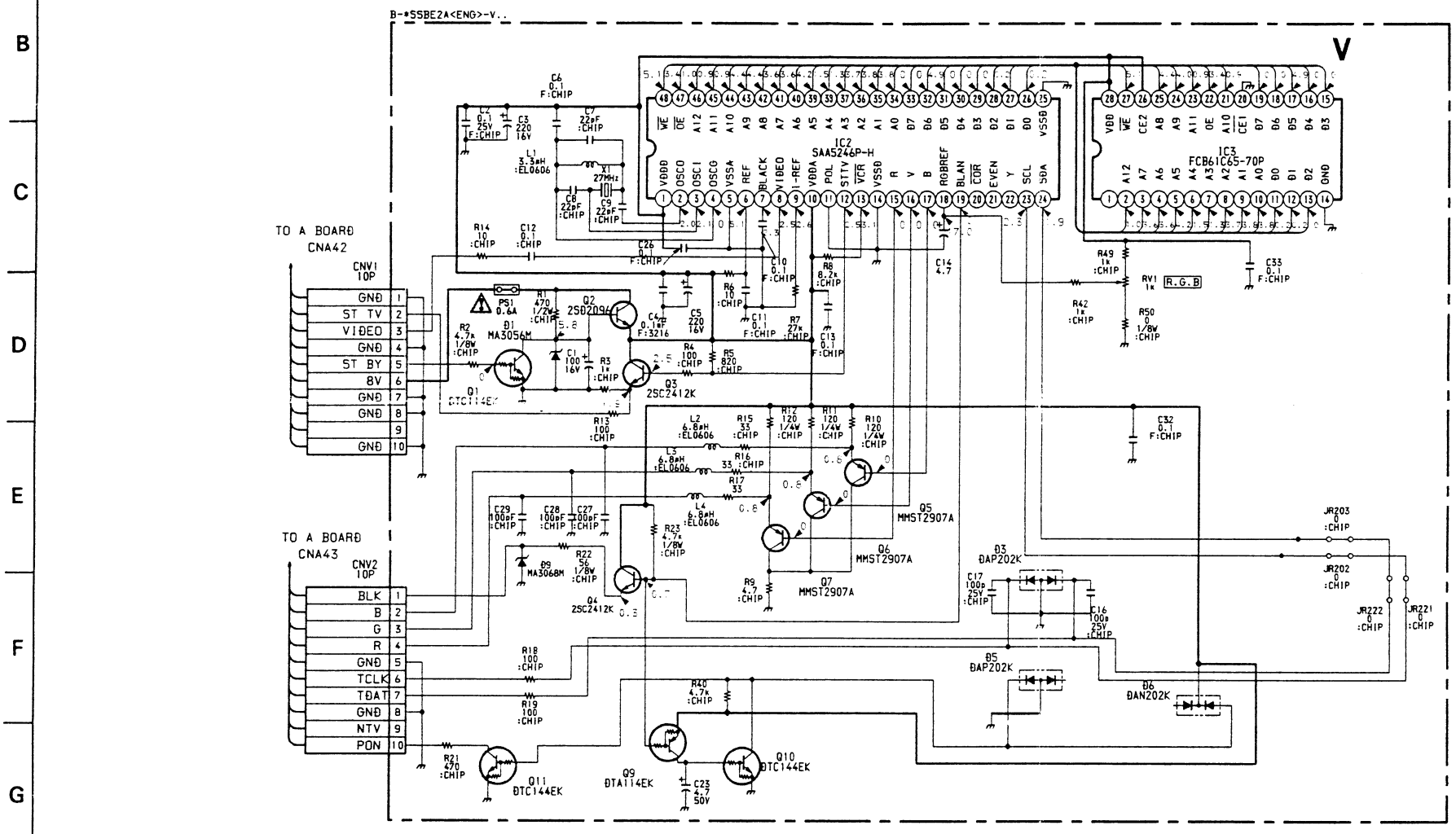
A BOARD WAVEFORMS

1 — 1.7 Vp-p (H)	2 — 1.2 Vp-p (H)	3 — 0.38 Vp-p (H)	4 — 9.0 Vp-p (H)
5 — 2.4 Vp-p (H)	6 — 2.5 Vp-p (H)	7 — 2.5 Vp-p (H)	8 — 0.6 Vp-p (H)
9 — 0.6 Vp-p (H)	10 — 0.24 Vp-p (H)	11 — 750 Vp-p (H)	12 — 12 Vp-p (H)
13 — 320 Vp-p (H)	14 — 1.5 Vp-p (H)	15 — 1.7 Vp-p (V)	16 — 2.5 Vp-p (V)
17 — 1.5 Vp-p (V)	18 — 2.2 Vp-p (V)	19 — 50 Vp-p (V)	20 — 1.7 Vp-p (H)
21 — 5.2 Vp-p (V)	22 — 2.0 Vp-p (V)	23 — 2.2 Vp-p (H)	24 — 4.0 Vp-p (H)
25 — 1.7 Vp-p (10MHz)	26 — 200 Vp-p (H)	27 — 4.2 Vp-p (V)	

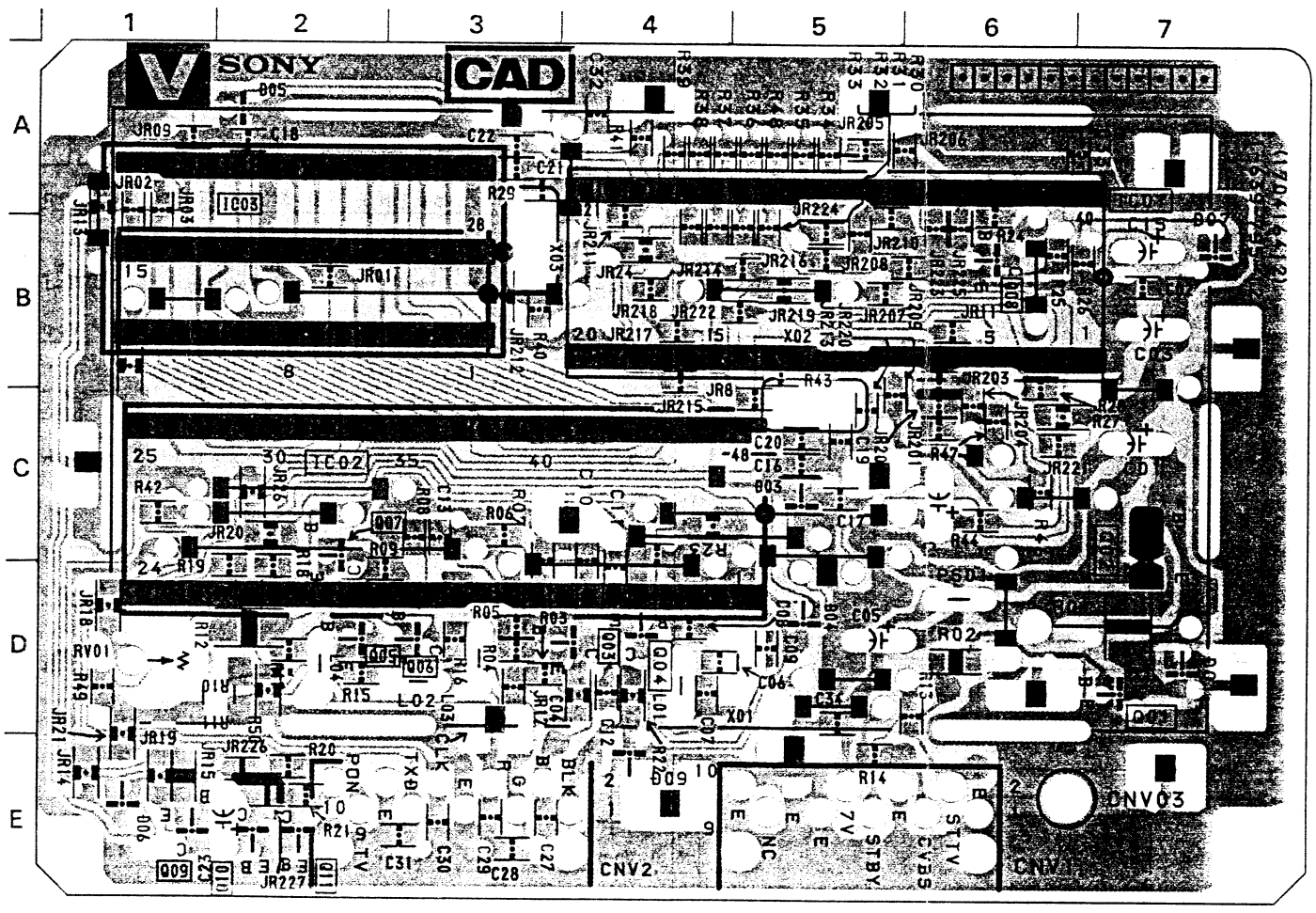
A Board * Mark List

		M2100/2101K	M2100/2101D
*1	C112	47pF	220pF
*2	C114	330pF	47pF
*3	C301	10MF	——
*4	C310	33MF	JUMPER
*5	C315	68pF	——
*6	C351	0.022MF	——
*7	C363	680pF	——
*8	C364	680pF	——
*9	C022	100pF	——
*10	C527	10MF	——
*11	C531	——	68pF
*12	C626	15pF	——
*13	C627	15pF	——
*14	CF502	TRAP 6.5Mhz	——
*15	CT331	CAP ADJ	JUMPER
*16	D331	1SS119	——
*17	D332	1SS119	——
*18	L111	10uH	——
*19	L502	4.7uH	8.2uH
*20	Q306	DTC124EK	——
*21	R070	1.8K	——
*22	R071	3.9K	——
*23	R086	4.7K	——
*24	R089	3.9K	——
*25	R118	330	270
*26	R140	330	680
*27	R141	68	150
*28	R199	150	2.2K
*29	R301	15K	——
*30	R302	220	——
*31	R318	47K	——
*32	R343	180	——
*33	SWF101	K2950	G1963
*34	X331	OSCILLATOR	JUMPER
*35	C621	0.22MF	0.68MF
*36	C698	——	330pF
*37	C149	100MF	330MF
*38	C625	0.22MF	0.68MF
*39	R629	——	330
*40	R113	15K	33K
*41	R319	47K	——
*42	TU101	BT-3C	BT-3C 421

—— NOT MOUNTED


B-*SSBE2A<ENG>-V..
V
IC2
SAA5246P-H
IC3
FCB61C65-70P
TO A BOARD
CNA42
CNV1
10P
GND 1
ST TV 2
VIDEO 3
GND 4
ST BY 5
8V 6
GND 7
GND 8
9
GND 10
TO A BOARD
CNA43
CNV2
10P
BLK 1
B 2
G 3
R 4
GND 5
TCLK 6
TDAT 7
GND 8
NTV 9
PON 10
Q1 DTC114EK
Q2 2SD2096
Q3 2SC2412K
Q4 2SC2412K
Q5 MMST2907A
Q6 MMST2907A
Q7 MMST2907A
Q9 DTA114EK
Q10 DTC144EK
Q11 DTC144EK
D1 MA3056M
D3 DAP202K
D5 DAP202K
D6 DAN202K
D9 MA3068M
X1 27MHz
PS1 0.6A
RV1 1k R.G.B
R49 1k :CHIP
R42 1k :CHIP
R50 0 1/8W :CHIP
C33 0.1 F:CHIP
C32 0.1 F:CHIP
C26 0.1 F:CHIP
C14 4.7
C16 100p 25V :CHIP
C17 100p 25V :CHIP
JR203 0 :CHIP
JR202 0 :CHIP
JR222 0 :CHIP
JR221 0 :CHIP

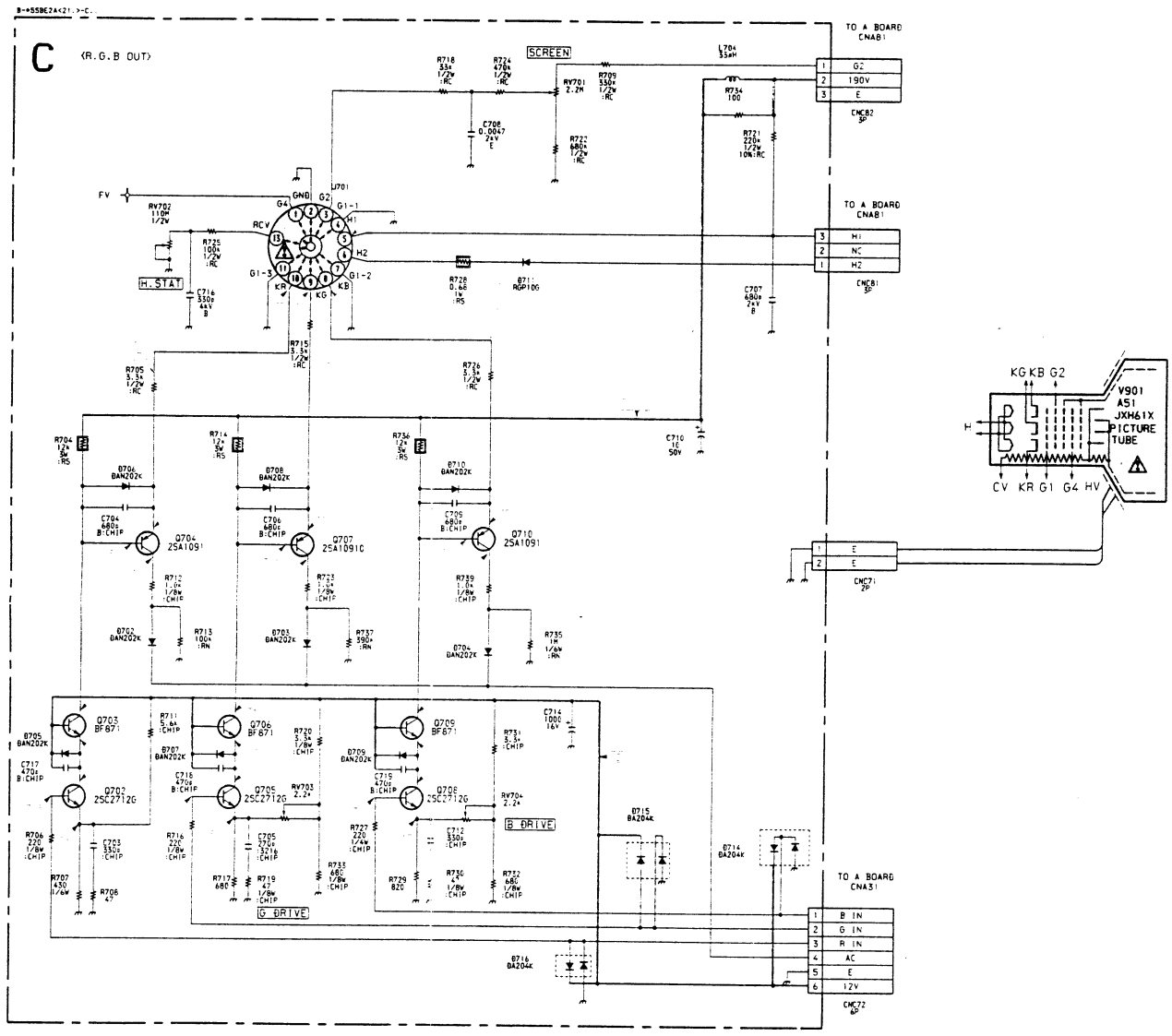
- V Board -

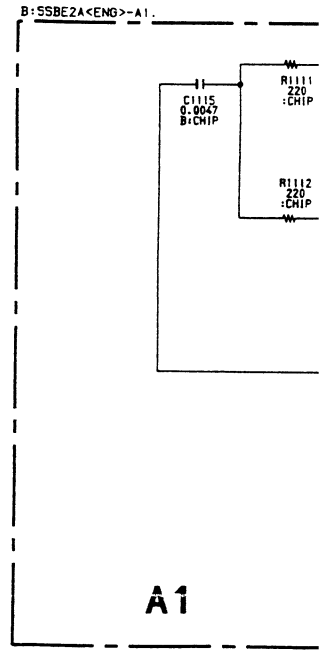

V
SONY
CAD
IC03
TC02
CNV2
CNV1
CNV03

C R, G, B OUT

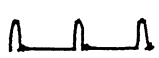
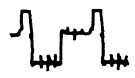
J1 JACK

11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22

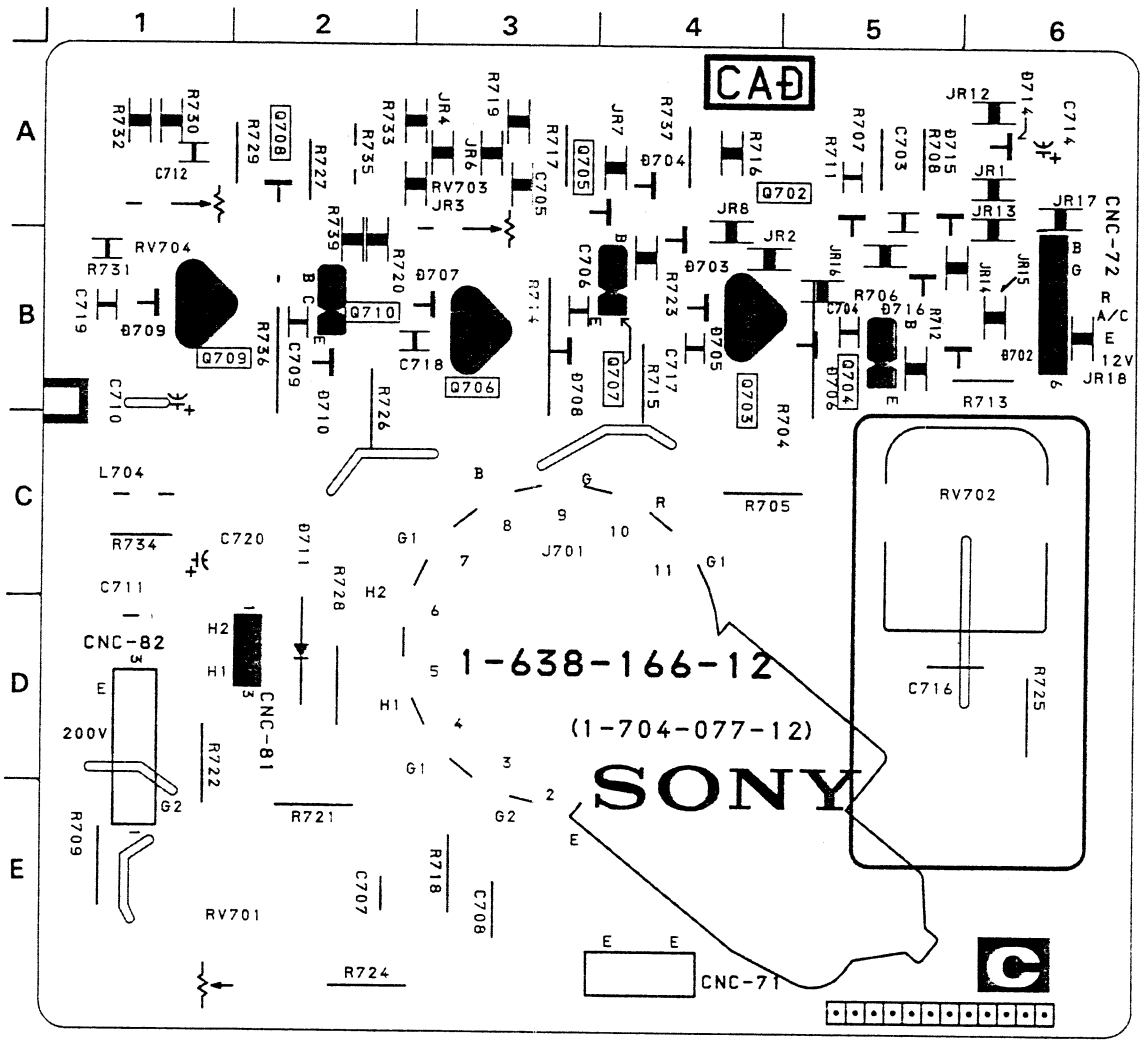




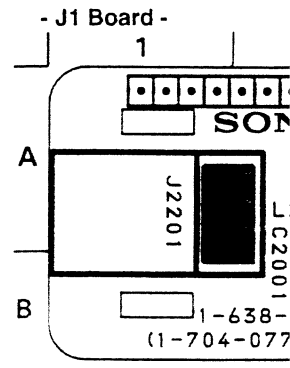
C BOARD WAVEFORMS

1  25 Vp-p (H)	2 68 Vp-p (H)	3  70 Vp-p (H)
4 76 Vp-p (H)		

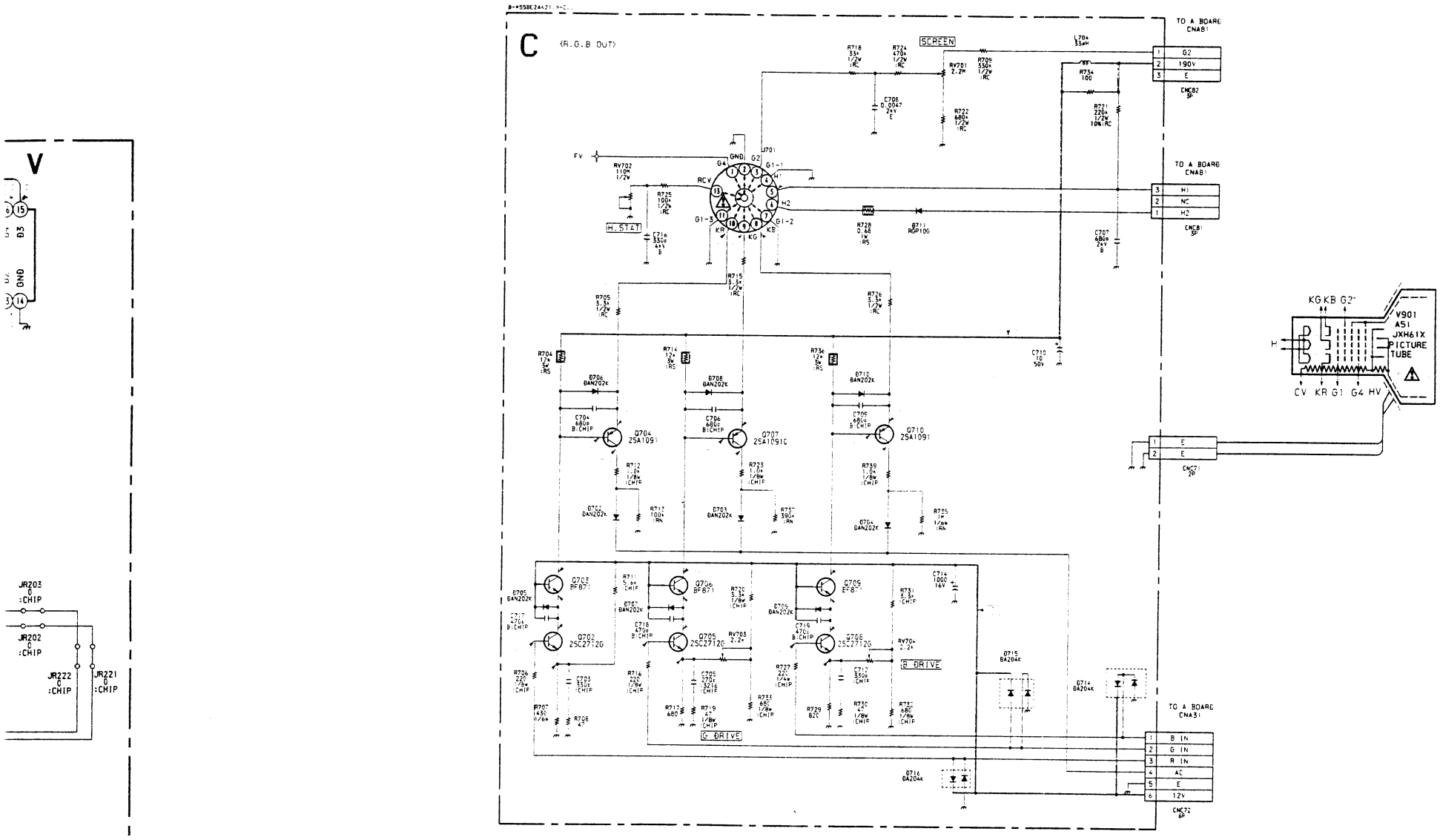
- C Board -



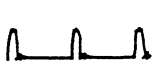
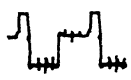
- J1 Board -



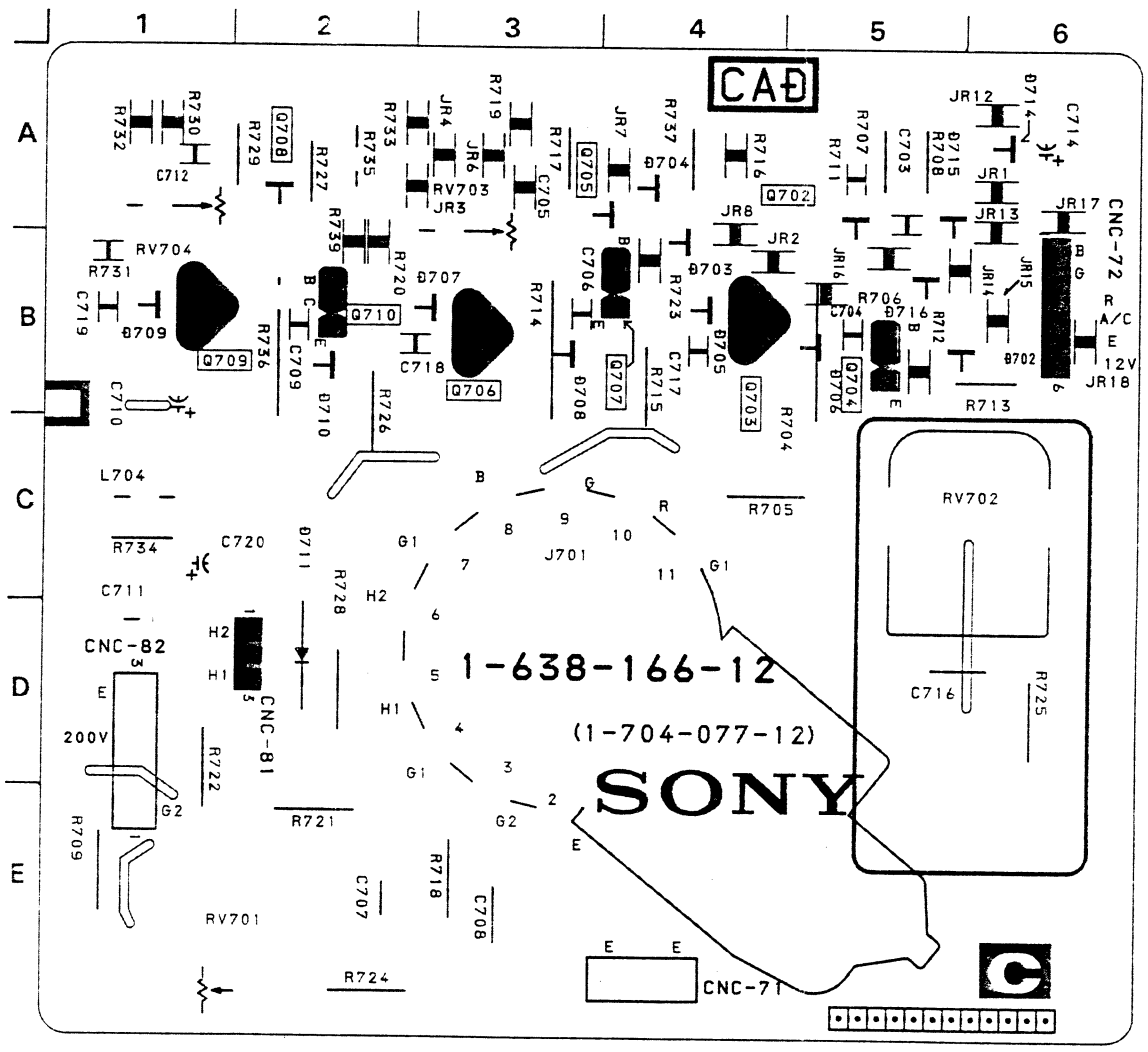
C R, G, B OUT



C BOARD WAVEFORMS

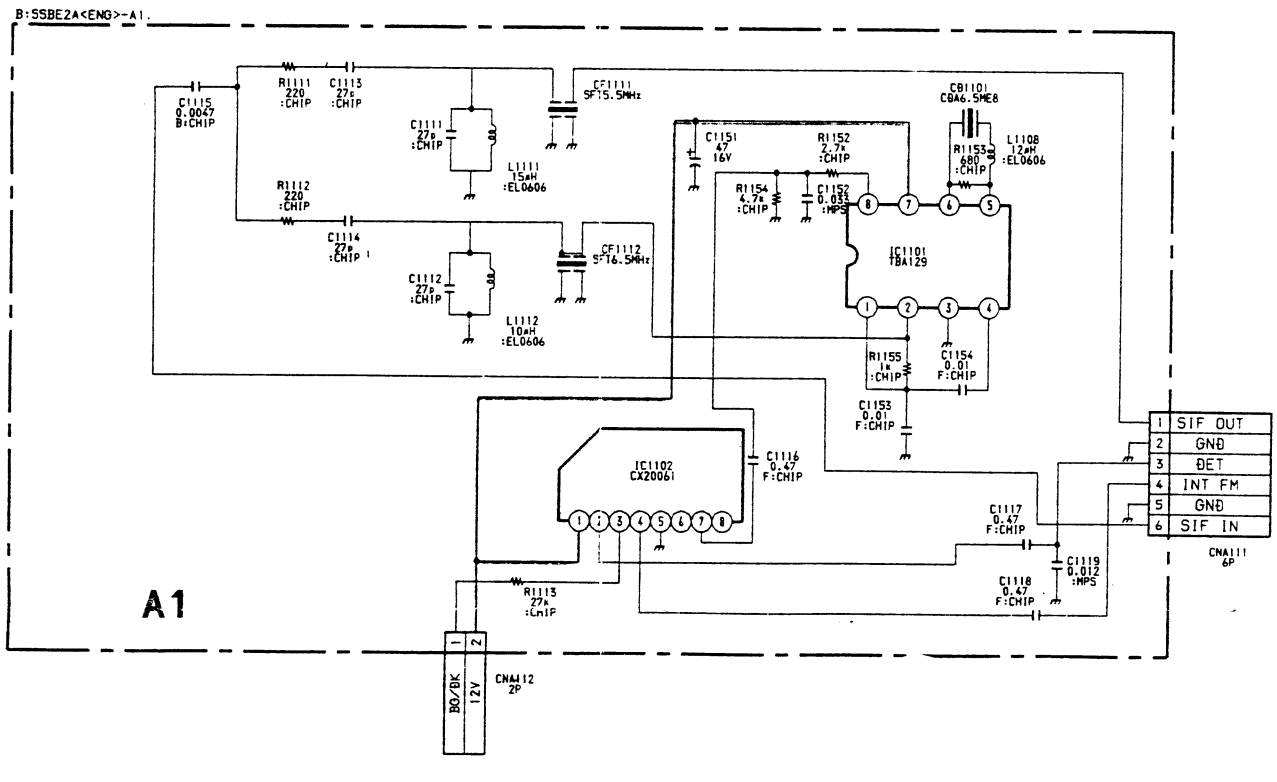
1  25 Vp-p (H)	2 68 Vp-p (H)	3  70 Vp-p (H)
4 76 Vp-p (H)		

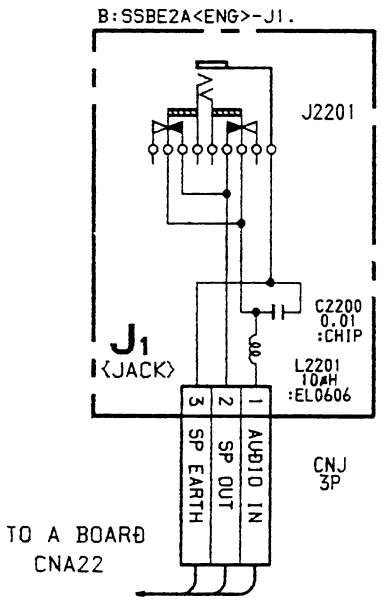
- C Board -



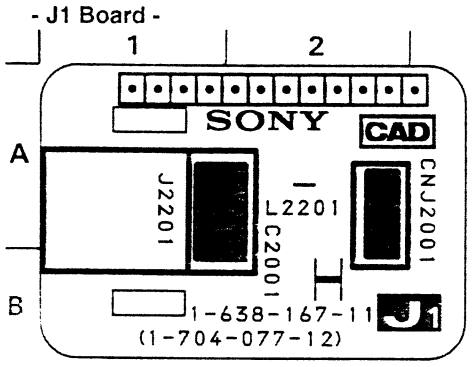
J1 JACK A1

21 22 23 24 25 26 27 28

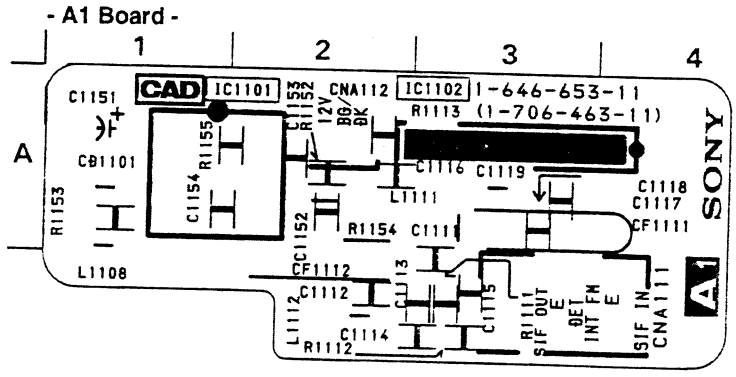




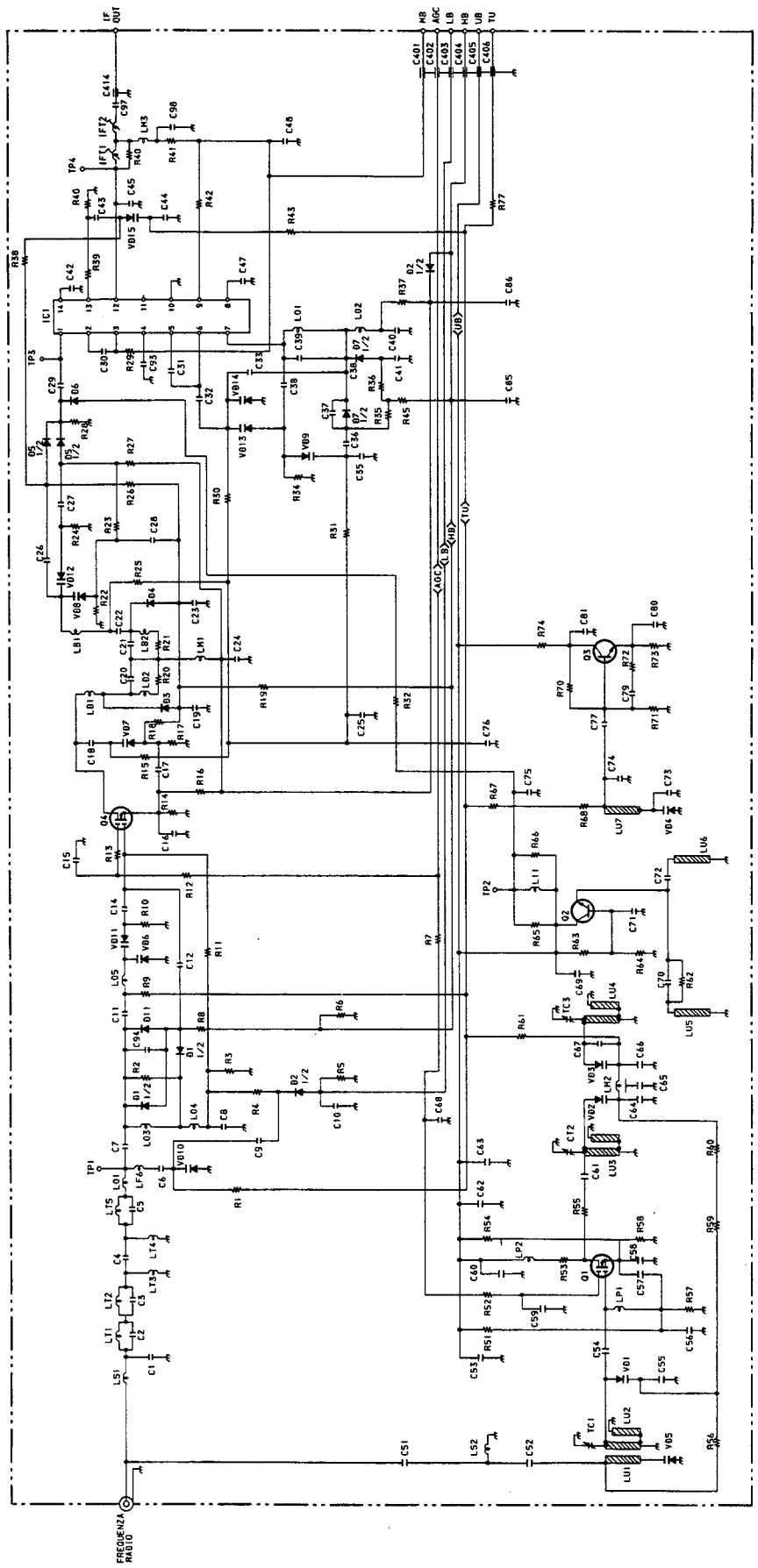
- J1 Board -



- A1 Board -

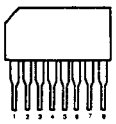


SCHEMA ELETTRICO DEL GRUPPO ALTA FREQUENZA TERE1-054A (BT-3C 301)



5-4. SEMICONDUCTORS

CX20061



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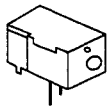
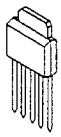


L78LR05D-MA



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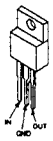

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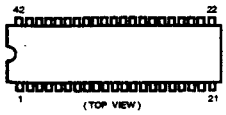

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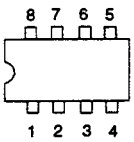
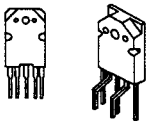


(Top view)

SAA5246P/E

(Top view)

STR54041



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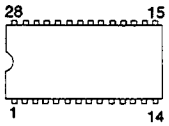
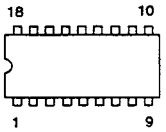
TDA4650-V4
CXK5864BP-10L



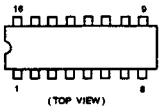
(Top view)

TDA3827-V3
TDA7245

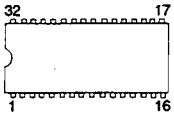


(Top view)

TDA4661V2
TDA4510/V8

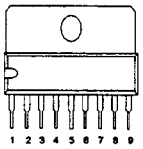


TDA8304

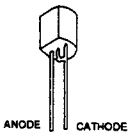


(Top view)

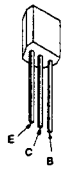
UPC1498H



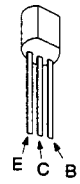
UPC574J



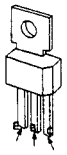
BC637-16



2SA1091-0

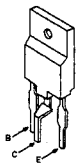


BF871



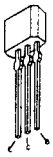
BF959-AMMO

BU508AS2

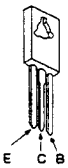


DTA114EK
DTA143EK
DTA143TK
DTA144EK
DTC114EK
DTC124EK
DTC144EK
MMST2907A
2SA1037K
2SA1162G
2SB1295-UL6
2SC1623-L5L6
2SB1295-UL6
2SC2412K
2SC2712YG

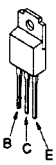
2SC2410SN



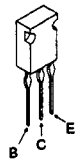
2SC2688-LK



2SD1408-Y
2SD1761-E



2SD2096-EF

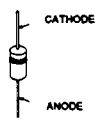


DAN202K
MA152WK

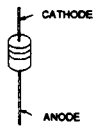
DA204K
1SS226

DAP202K
1S2836

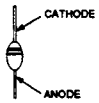
UZ-5.1BSB
RGP02-17
RGP10G
RU-3AM
ERC06-15S
R2K
RD7.5ES-B2



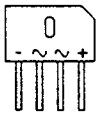
ERA83-006
RD5.1ES-B2
RD5.6ES-B2
RD6.8ES-B2
RD8.2ES-B3
1SS119
HZS5.1NB2
HZS7.5NB3
HZS8.2NB3



GP08D
U05G

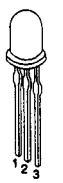


KBU4JL-6088
RBV-406H-01



MA3051
MA3056M
MA3068M
RD5.1M-B2
RD5.6M-B2
RD6.8M-B2

SPR-54MVW



1 ANODE RED
2 CATHODE
3 ANODE GREEN

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

SECTION 6
EXPLODED VIEWS

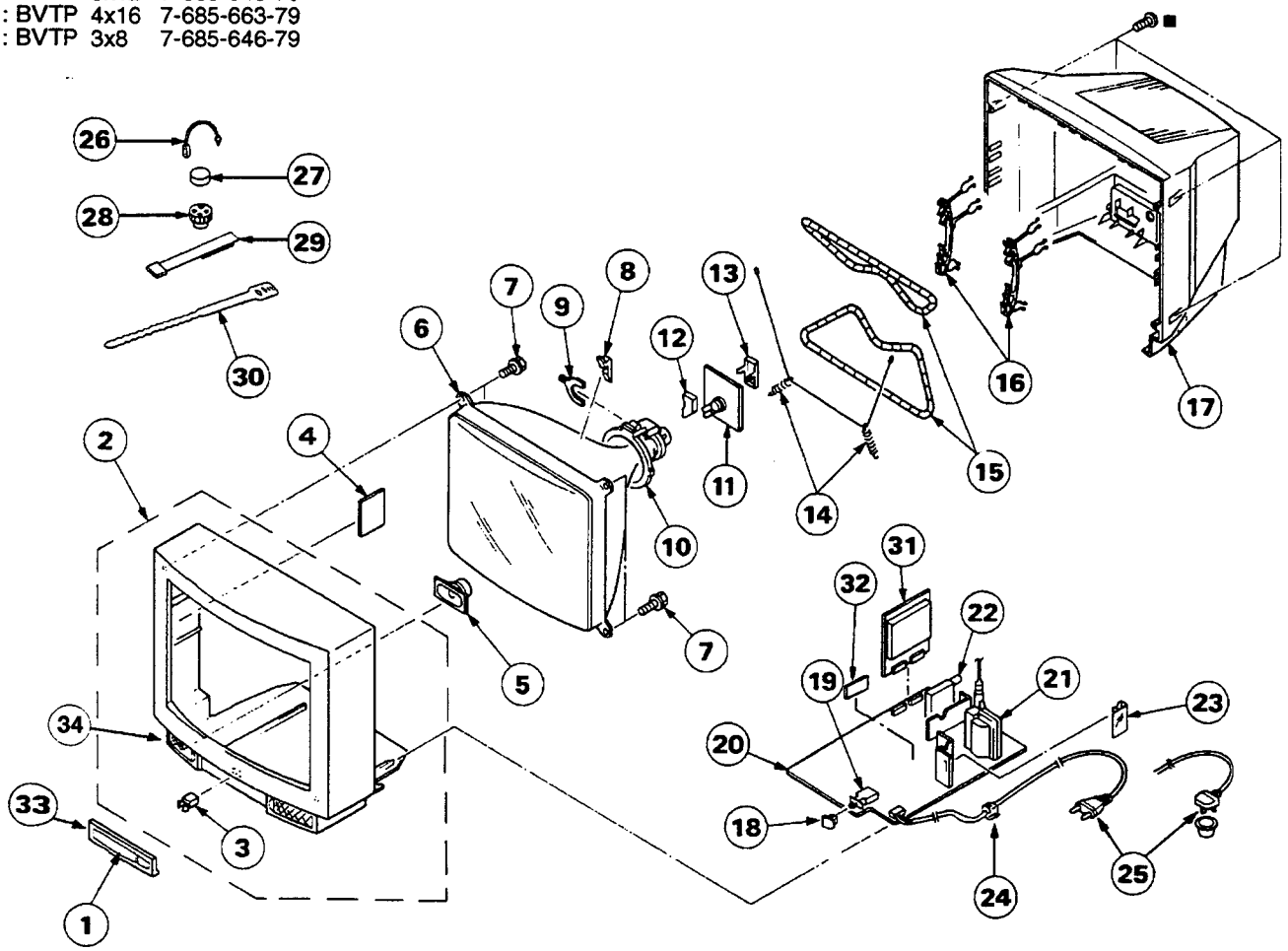
NOTE :

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remarks column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

6-1. CHASSIS

● : BVTP 3x12 7-685-648-79
■ : BVTP 4x16 7-685-663-79
○ : BVTP 3x8 7-685-646-79



REF.NO.	PART NO	DESCRIPTION	REMARK
1	4-202-370-11	WINDOW,ORNAMENTAL KV-M2101U,KV-M2101D KV-M2101K	
	4-202-370-01	WINDOW,ORNAMENTAL KV-M2100A,KV-M2100B KV-M2100D,KV-M2100E KV-M2100K	
3	4-392-036-01	CATCHER,PUSH	
33	4-202-369-01	DOOR	
34	4-202-371-01	SP COVER	

REF.NO.	PART NO	DESCRIPTION	REMARK
2	X-4200-131-1	CABINET,ASSY [BLACK] KV-M2101U KV-M2100D,KV-M2101D KV-M2100K,KV-M2101K	
	X-4200-078-2	CABINET,ASSY [BLACK] KV-M1400A,KV-M1400B KV-M1400E	

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

REF.NO.		PART NO	DESCRIPTION	REMARK
4	*	1-638-167-11	J1, BOARD	
5		1-503-258-21	SPEAKER	
6	⚠	8-738-758-05	PICTURE TUBE [A51JXH61X]	
7		4-036-189-01	SCREW [S], TAPPING	
8		3-704-495-01	SPACER, DY	
9		1-452-277-00	MAGNET, BMC	
10	⚠	1-451-295-1	DEFLECTION, YOKE [Y21PFA2]	
11		A-1638-016-A	C BOARD, COMPLETE KV-M2100K,KV-M2101K KV-M2100D,KV-M2101D KV-M2101U	
		A-1638-017-A	C BOARD, COMPLETE KV-M2100B,KV-M2100E KV-M2100A	
12	*	4-379-167-01	COVER [MAIN], CV VOL	
13	*	4-379-160-01	COVER [REAR LID], CV VOL	
14		4-369-318-21	SPRING, TENSION	
15	⚠	1-426-383-11	COIL, DEGAUSSING	
16	*	4-386-622-01	BAND,DGC	
17		4-200-673-01	COVER, REAR [BLACK] KV-M2100K,KV-M2101K KV-M2100D,KV-M2101D KV-M2100U	
		4-202-732-01	COVER, REAR [BLACK] KV-M2100B,KV-M2100E KV-M2100A	
18	⚠	1-571-433-12	SWITCH, PUSH [AC POWER]	
19		4-202-361-01	BUTTON, POWER	
20	*	A-1632-140-A	A BOARD, COMPLETE [KV-M2100A]	
	*	A-1632-135-A	A BOARD, COMPLETE [KV-M2100B]	
	*	A-1632-142-A	A BOARD, COMPLETE [KV-M2100D]	
	*	A-1632-143-A	A BOARD, COMPLETE [KV-M2101D]	
	*	A-1632-141-A	A BOARD, COMPLETE [KV-M2100E]	
	*	A-1632-144-A	A BOARD, COMPLETE [KV-M2100K]	
	*	A-1632-145-A	A BOARD, COMPLETE [KV-M2101K]	
	*	A-1632-122-A	A BOARD, COMPLETE [KV-M2101U]	
21	⚠	1-439-416-51	TRANSFORMER ASSY, FLYBACK[UX-1650] KV-M2100K,KV-M2101K KV-M2100D,KV-M2101D KV-M2101U	
	⚠	1-439-416-51	TRANSFORMER ASSY, FLYBACK[NX-1604] KV-M2100E,KV-M2100A	
	⚠	1-439-493-11	TRANSFORMER ASSY, FLYBACK[UX-1650] KV-M2100B	
22		1-465-541-14	TUNER [BT-3C] KV-M2100A,KV-M2100E KV-M2100K,KV-M2101K	
		1-693-093-11	TUNER [BT-3C421] KV-M2100D,KV-M2101D	
		1-465-542-13	TUNER [BT-3U601] KV-M2101U	
		1-693-081-11	TUNER [BT-RC421] KV-M2100B	
23	*	4-200-400-01	PLATE,INSULATION	
24	⚠	4-389-201-04	HOLDER, AC CORD KV-M2100K,KV-M2101K KV-M2100D,KV-M2101D KV-M2101U	
	⚠	4-389-201-11	HOLDER, AC CORD KV-M2100A,KV-M2100B KV-M2100E	
25	⚠	1-690-296-11	CORD, POWER [WITH NOISE FILTER] KV-M2100A	
	⚠	1-590-501-11	CORD, POWER [WITH NOISE FILTER] KV-M2100D,KV-M2101D	
	⚠	1-590-460-11	CORD, POWER [WITH CONNECTOR] KV-M2100K,KV-M2101K KV-M2100E	
	⚠	1-690-270-11	CORD, POWER [WITH CONNECTOR] KV-M2100B	
	⚠	1-590-762-11	CORD, POWER [WITH PLUG] KV-M2101U	
26		4-308-870-00	CLIP, LEAD WIRE	
27		1-452-032-00	MAGNET, DISK;10MM	
28		1-452-094-00	MAGNET, ROTATABLE DISK;15MM	
29		X-4309-608-0	PERMALLOY ASSY, CONVERGENCE	
30		3-701-007-00	BAND, BINDING	
31		A-1645-017-A	V BOARD, COMPLETE KV-M2101D,KV-M2101U	
		A-1645-020-A	V BOARD, COMPLETE KV-M2101K	
32		A-1630-060-A	A1 BOARD, COMPLETE KV-M2100K,KV-M2101K	

ELECTRICAL PARTS LIST

SECTION 7

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

- All resistors are in ohms
- F : nonflammable

When indicating parts by reference number, please include the board name.

CAPACITORS MF : μF, PF : μμF

COILS MMH : mH, UH : μH

A1 KV-M2100K KV-M2101K

A KV-M2100K / M2101K KV-M2100D / M2101D

REF.NO.	PART NO.	DESCRIPTION			REMARK
	*A-1630-060-A	A1 BOARD, COMPLETE (KV-M2100K KV-M2101K)			
		**********			
		<CAPACITOR>			
C1111	1-163-103-00	CERAMIC CHIP 27PF	5%	50V	
C1112	1-163-103-00	CERAMIC CHIP 27PF	5%	50V	
C1113	1-163-103-00	CERAMIC CHIP 27PF	5%	50V	
C1114	1-163-103-00	CERAMIC CHIP 27PF	5%	50V	
C1115	1-163-017-00	CERAMIC CHIP 0.0047MF	10%	50V	
C1116	1-164-005-11	CERAMIC CHIP 0.47MF		25V	
C1117	1-164-005-11	CERAMIC CHIP 0.47MF		25V	
C1118	1-164-005-11	CERAMIC CHIP 0.47MF		25V	
C1119	1-106-369-00	MYLAR 0.012MF	10%	400V	
C1151	1-124-477-11	ELECT 47MF	20%	16V	
C1152	1-106-379-12	MYLAR 0.033MF	10%	250V	
C1153	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V	
C1154	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V	
		<FILTER>			
CD1101	1-404-710-11	DISCRIMINATOR, CERAMIC			
CF1111	1-527-840-00	FILTER, CERAMIC			
CF1112	1-567-570-11	FILTER, CERAMIC			
		<CONNECTOR>			
CNA111	*1-568-877-51	PIN, CONNECTOR 2P			
CNA112	*1-573-787-11	SOCKET, CONNECTOR 6P			
		<IC>			
IC1101	8-759-003-90	IC TBA129			
IC1102	8-752-006-12	IC CX20061			
		<COIL>			
L1108	1-408-410-00	INDUCTOR 12UH			
L1111	1-408-411-00	INDUCTOR 15UH			
L1112	1-408-409-00	INDUCTOR 10UH			
		<RESISTOR>			
R1111	1-216-033-00	METAL GLAZE 220	5%	1/10W	
R1112	1-216-033-00	METAL GLAZE 220	5%	1/10W	
R1113	1-216-083-00	METAL GLAZE 27K	5%	1/10W	
R1152	1-216-059-00	METAL GLAZE 2.7K	5%	1/10W	
R1153	1-216-045-00	METAL GLAZE 680	5%	1/10W	
R1154	1-216-065-00	METAL GLAZE 4.7K	5%	1/10W	
R1155	1-216-049-00	METAL GLAZE 1K	5%	1/10W	

REF.NO.	PART NO.	DESCRIPTION			REMARK
**********					
	*A-1632-142-A	A BOARD, COMPLETE (KV-M2100D)			
		**********			
	*A-1632-143-A	A BOARD, COMPLETE (KV-M2101D)			
		**********			
	*A-1632-144-A	A BOARD, COMPLETE (KV-M2100K)			
		**********			
	*A-1632-145-A	A BOARD, COMPLETE (KV-M2101K)			
		**********			
	4-200-399-01	SPACER, IC			
TP15	*1-535-084-00	1P TERMINAL PIN			
		<CAPACITOR>			
C001	1-126-101-11	ELECT 100MF	20%	16V	
C002	1-106-220-00	MYLAR 0.1MF	10%	100V	
C003	1-163-031-11	CERAMIC CHIP 0.01MF		50V	
C004	1-123-382-00	ELECT 3.3MF	20%	50V	
C005	1-126-103-11	ELECT 470MF	20%	16V	
C006	1-163-117-00	CERAMIC CHIP 100PF	5%	50V	
C007	1-124-907-11	ELECT 10MF	20%	50V	
C009	1-124-907-11	ELECT 10MF	20%	50V	
C010	1-163-117-00	CERAMIC CHIP 100PF	5%	50V	
C012	1-126-233-11	ELECT 22MF	20%	50V	
C018	1-163-031-11	CERAMIC CHIP 0.01MF		50V	
C020	1-124-903-11	ELECT 1MF	20%	50V	
C021	1-124-907-11	ELECT 10MF	20%	50V	
C022	1-124-907-11	ELECT 10MF	20%	50V	(KV-M2100K/KV-M2101K)
C023	1-124-907-11	ELECT 10MF	20%	50V	
C024	1-124-907-11	ELECT 10MF	20%	50V	
C025	1-124-916-11	ELECT 22MF	20%	50V	
C026	1-124-903-11	ELECT 1MF	20%	50V	
C030	1-124-903-11	ELECT 1MF	20%	50V	
C037	1-163-034-00	CERAMIC CHIP 0.033MF		50V	
C038	1-163-009-11	CERAMIC CHIP 0.001MF	10%	50V	
C039	1-163-117-00	CERAMIC CHIP 100PF	5%	50V	
C041	1-124-478-11	ELECT 100MF	20%	25V	
C055	1-163-075-00	CERAMIC CHIP 0.047MF		50V	
C058	1-163-077-00	CERAMIC CHIP 0.1MF	10%	25V	
C059	1-163-031-11	CERAMIC CHIP 0.01MF		50V	
C062	1-126-101-11	ELECT 100MF	20%	16V	
C063	1-163-017-00	CERAMIC CHIP 0.0047MF	10%	50V	

REF.NO.	PART NO.	DESCRIPTION			REMARK
C101	1-124-477-11	ELECT	47MF	20%	16V
C102	1-124-910-11	ELECT	47MF	20%	50V
C103	1-163-105-00	CERAMIC CHIP	33PF	5%	50V
C104	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C105	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C106	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C107	1-124-477-11	ELECT	47MF	20%	16V
C112	1-163-109-00	CERAMIC CHIP	47PF	5%	50V
					(KV-M2100K/KV-M2101K)
	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
					(KV-M2100D/KV-M2101D)
C114	1-163-129-00	CERAMIC CHIP	330PF	5%	50V
					(KV-M2100K/KV-M2101K)
	1-163-109-00	CERAMIC CHIP	47PF	5%	50V
					(KV-M2100D/KV-M2101D)
C115	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C120	1-163-173-00	CERAMIC CHIP	47PF	5%	50V
C123	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C125	1-124-917-11	ELECT	33MF	20%	50V
C128	1-163-025-11	CERAMIC CHIP	0.001MF		50V
C130	1-136-171-00	FILM	0.33MF	5%	50V
					(KV-M2100D/KV-M2101D)
C131	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C132	1-163-029-11	CERAMIC CHIP	0.0047MF		50V
C133	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C134	1-136-562-11	MYLAR	0.0082MF	10%	400V
					(KV-M2100D/KV-M2101D)
C135	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C136	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C138	1-216-295-00	METAL GLAZE	0	5% 1/10W	
C139	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C140	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C141	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C142	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C143	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C144	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C145	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C146	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C147	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C148	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C149	1-126-101-11	ELECT	100MF	20%	16V
					(KV-M2100K/KV-M2101K)
	1-124-119-00	ELECT	330MF	20%	16V
					(KV-M2100D/KV-M2101D)
C151	1-124-907-11	ELECT	10MF	20%	50V
C154	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C157	1-124-927-11	ELECT	4.7MF	20%	50V
C163	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C201	1-124-916-11	ELECT	22MF	20%	50V
C202	1-124-925-11	ELECT	2.2MF	20%	50V
C203	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C204	1-124-480-11	ELECT	470MF	20%	25V
C206	1-163-011-11	CERAMIC CHIP	0.0015MF	10%	50V
C207	1-124-925-11	ELECT	2.2MF	20%	50V
C208	1-126-104-11	ELECT	470MF	20%	35V
C209	1-124-910-11	ELECT	47MF	20%	50V
C210	1-106-228-00	MYLAR	0.22MF	10%	100V
C301	1-124-907-11	ELECT	10MF	20%	50V
					(KV-M2100K/KV-M2101K)
C302	1-163-059-00	CERAMIC CHIP	0.01MF		50V
C303	1-163-059-00	CERAMIC CHIP	0.01MF		50V
C304	1-163-038-00	CERAMIC CHIP	0.1MF		25V

REF.NO.	PART NO.	DESCRIPTION			REMARK
C305	1-124-910-11	ELECT	47MF	20%	50V
C306	1-106-220-00	MYLAR	0.1MF	10%	100V
C307	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C308	1-124-910-11	ELECT	47MF	20%	50V
C309	1-163-099-00	CERAMIC CHIP	18PF	5%	50V
C310	1-124-917-11	ELECT	33MF	20%	50V
					(KV-M2100K/KV-M2101K)
	1-535-465-11	LEAD, JUMPER (5MM)			
					(KV-M2100D/KV-M2101D)
C311	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C312	1-163-121-00	CERAMIC CHIP	150PF	5%	50V
C313	1-163-105-00	CERAMIC CHIP	33PF	5%	50V
C314	1-163-103-00	CERAMIC CHIP	27PF	5%	50V
C315	1-163-177-00	CERAMIC CHIP	68PF	5%	50V
					(KV-M2100K/KV-M2101K)
C316	1-163-377-11	CERAMIC CHIP	100PF	5%	50V
C317	1-163-093-00	CERAMIC CHIP	10PF	5%	50V
C318	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C319	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C321	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C323	1-163-055-00	CERAMIC CHIP	0.0047MF	10%	50V
C329	1-131-367-00	TANTALUM	22MF	10%	16V
C330	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C331	1-124-927-11	ELECT	4.7MF	20%	50V
C332	1-130-783-00	MYLAR	0.33MF	10%	100V
C333	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C334	1-163-063-00	CERAMIC CHIP	0.022MF	10%	50V
C335	1-163-063-00	CERAMIC CHIP	0.022MF	10%	50V
C336	1-163-119-00	CERAMIC CHIP	120PF	5%	50V
C337	1-130-834-00	MYLAR	1MF	10%	63V
C338	1-106-220-00	MYLAR	0.1MF	10%	100V
C339	1-106-220-00	MYLAR	0.1MF	10%	100V
C340	1-162-568-11	CERAMIC CHIP	0.33MF	10%	16V
C341	1-130-783-00	MYLAR	0.33MF	10%	100V
C343	1-106-383-00	MYLAR	0.047MF	10%	100V
C344	1-130-783-00	MYLAR	0.33MF	10%	100V
C345	1-163-187-00	CERAMIC CHIP	180PF	5%	50V
C346	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C347	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C348	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C349	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C351	1-106-375-12	MYLAR	0.022MF	10%	250V
					(KV-M2100K/KV-M2101K)
C352	1-106-375-12	MYLAR	0.022MF	10%	250V
C353	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C354	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C355	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C356	1-163-237-11	CERAMIC CHIP	27PF	5%	50V
C357	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C358	1-124-556-11	ELECT	2200MF	20%	16V
C359	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C360	1-124-903-11	ELECT	1MF	20%	50V
C361	1-163-237-11	CERAMIC CHIP	27PF	5%	50V
C363	1-163-201-00	CERAMIC CHIP	680PF	5%	50V
					(KV-M2100K/KV-M2101K)
C364	1-163-137-00	CERAMIC CHIP	680PF	5%	50V
					(KV-M2100K/KV-M2101K)
C367	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C370	1-124-916-11	ELECT	22MF	20%	50V
C388	1-106-220-00	MYLAR	0.1MF	10%	100V
C401	1-124-910-11	ELECT	47MF	20%	50V

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REF.NO.		PART NO.	DESCRIPTION			REMARK
C403		1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C404		1-163-031-11	CERAMIC CHIP	0.01MF		50V
C430		1-164-336-11	CERAMIC CHIP	0.33MF		25V
C431		1-124-910-11	ELECT	47MF	20%	50V
C432		1-163-031-11	CERAMIC CHIP	0.01MF		50V
C433		1-124-916-11	ELECT	22MF	20%	25V
C434		1-163-031-11	CERAMIC CHIP	0.01MF		50V
C475		1-124-916-11	ELECT	22MF	20%	50V
C476		1-108-702-11	MYLAR	0.068MF	10%	100V
C490		1-124-910-11	ELECT	47MF	20%	50V
C499		1-163-205-00	CERAMIC CHIP	0.001MF	10%	50V
C501		1-163-181-00	CERAMIC CHIP	100PF	5%	50V
C502		1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C503		1-163-181-00	CERAMIC CHIP	100PF	5%	50V
C504		1-124-122-11	ELECT	100MF	20%	50V
C505		1-124-916-11	ELECT	22MF	20%	50V
C506		1-106-228-00	MYLAR	0.22MF	10%	100V
C507		1-124-557-11	ELECT	1000MF	20%	25V
C508		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C509		1-162-568-11	CERAMIC CHIP	0.33MF	10%	16V
C510		1-163-081-00	CERAMIC CHIP	0.22MF		25V
C511		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C512		1-108-702-11	MYLAR	0.068MF	10%	100V
C513		1-124-927-11	ELECT	4.7MF	20%	50V
C514		1-136-298-00	FILM	0.0033MF	5%	100V
C515		1-163-035-00	CERAMIC CHIP	0.047MF		50V
C516		1-163-113-00	CERAMIC CHIP	68PF	5%	50V
C517		1-163-033-00	CERAMIC CHIP	0.022MF		50V
C518		1-163-117-00	CERAMIC CHIP	100PF	5%	50V (KV-M2100K/KV-M2101K)
C520		1-163-033-00	CERAMIC CHIP	0.022MF		50V
C521		1-131-377-00	TANTALUM	10MF	10%	10V
C524		1-106-228-00	MYLAR	0.22MF	10%	100V
C525		1-108-702-11	MYLAR	0.068MF	10%	100V
C526		1-124-910-11	ELECT	47MF	20%	50V
C527		1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C529		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C530		1-163-197-00	CERAMIC CHIP	470PF	5%	50V
C531		1-163-113-00	CERAMIC CHIP	68PF	5%	50V (KV-M2100D/KV-M2101D)
C532		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C536		1-124-927-11	ELECT	4.7MF	20%	50V
C537		1-163-038-00	CERAMIC CHIP	0.1MF		25V
C540		1-216-295-00	METAL GLAZE	0	5%	1/10W (KV-M2100K/KV-M2101K)
		1-163-111-00	CERAMIC CHIP	56PF	5%	50V (KV-M2100D/KV-M2101D)
C601	⚠	1-161-964-61	CERAMIC	0.0047MF		250V
C602	⚠	1-161-964-61	CERAMIC	0.0047MF		250V
C603		1-162-599-12	CERAMIC	0.0047MF		250V
C604		1-125-318-00	ELECT(BLOCK)	220MF	20%	400V
C605		1-161-754-00	CERAMIC	0.001MF	10%	2KV
C606		1-104-728-11	FILM	0.047MF	10%	630V
C607		1-106-367-00	MYLAR	0.01MF	10%	400V
C608		1-161-753-00	CERAMIC	470PF	10%	3KV
C609		1-124-347-00	ELECT	100MF	20%	160V
C610		1-124-557-11	ELECT	1000MF	20%	25V
C612		1-102-228-00	CERAMIC	470PF	10%	500V
C614		1-126-101-11	ELECT	100MF	20%	16V
C618		1-124-916-11	ELECT	22MF	20%	50V

REF.NO.		PART NO.	DESCRIPTION			REMARK
C621	⚠	1-136-517-11	FILM	0.22MF	20%	300V (KV-M2100K/KV-M2101K)
	⚠	1-136-879-11	FILM	0.68MF	20%	300V (KV-M2100D/KV-M2101D)
C623	⚠	1-164-246-61	CERAMIC	0.0022MF	20%	400V
C625	⚠	1-136-517-11	FILM	0.22MF	20%	300V (KV-M2100K/KV-M2101K)
	⚠	1-136-879-11	FILM	0.68MF	20%	300V (KV-M2100D/KV-M2101D)
C626	⚠	1-163-161-00	CERAMIC CHIP	15PF	5%	50V (KV-M2100K/KV-M2101K)
C627	⚠	1-163-161-00	CERAMIC CHIP	15PF	5%	50V (KV-M2100K/KV-M2101K)
C631		1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C632	⚠	1-161-964-61	CERAMIC	0.0047MF		250V
C633		1-161-742-00	CERAMIC	0.0022MF	20%	400V
C698		1-162-115-00	CERAMIC CHIP	330PF	10%	2KV (KV-M2100D/KV-M2101D)
C801		1-101-821-00	CERAMIC	0.0022MF		500V
C802		1-102-244-00	CERAMIC	220PF	10%	500V
C804		1-126-101-11	ELECT	100MF	20%	16V
C805		1-136-080-00	FILM	0.011MF	3%	2KV
C806		1-136-187-11	FILM	0.047MF	10%	250V
C807		1-161-754-00	CERAMIC	0.001MF	10%	2KV
C808		1-136-933-11	FILM	1MF	5%	100V
C809		1-102-212-00	CERAMIC	820PF	10%	500V
C811		1-136-540-11	FILM	0.82MF	5%	160V
C812		1-124-634-11	ELECT	1MF	20%	250V
C813		1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C814		1-126-542-11	ELECT	4.7MF	20%	160V
C815		1-124-916-11	ELECT	22MF	20%	50V
C816		1-102-228-00	CERAMIC	470PF	10%	500V
C817		1-123-948-00	ELECT	22MF	20%	250V
C818		1-106-375-12	MYLAR	0.022MF	10%	250V
C819		1-162-114-00	CERAMIC	0.0047MF		2KV
C820		1-162-318-11	CERAMIC	0.001MF	10%	500V
C821		1-126-101-11	ELECT	100MF	20%	16V
C822		1-162-318-11	CERAMIC	0.001MF	10%	500V
C823		1-126-233-11	ELECT	22MF	20%	50V
C824		1-124-913-11	ELECT	470MF	20%	50V
C825		1-136-204-11	MYLAR	0.015MF	10%	400V
C840		1-124-902-00	ELECT	0.47MF	20%	50V
C850		1-126-101-11	ELECT	100MF	20%	16V

<FILTER>

CD101	1-579-110-11	DISCRIMINATOR, CERAMIC	
CF501	1-404-801-11	TRAP, CERAMIC	
CF502	1-409-327-00	TRAP, CERAMIC (6.5MHZ)	(KV-M2100K/KV-M2101K)
SWF101	1-579-414-11	FILTER, SAWTOOTH WAVE	(KV-M2100K/KV-M2101K)
	1-579-120-11	FILTER, SURFACE WAVE	(KV-M2100D/KV-M2101D)
XF501	1-527-840-00	FILTER, CERAMIC	(KV-M2100D/KV-M2101D)

<CONNECTOR>

CNA11	*1-506-947-11	PIN, CONNECTOR 6P
CNA12	*1-568-877-51	PIN, CONNECTOR 2P
CNA21	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)
CNA22	*1-568-878-51	PIN, CONNECTOR 3P
CNA42	*1-565-394-11	PIN, BOARD TO BOARD CONNECTOR

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REF.NO.	PART NO.	DESCRIPTION	REMARK
CNA43	*1-565-394-11	PIN, BOARD TO BOARD CONNECTOR	
CNA61 ⚠	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P	
CNA62 ⚠	*1-580-844-11	PIN, CONNECTOR (POWER)	
CNA64	*1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P	
CNA81	*1-508-768-00	PIN, CONNECTOR (5MM PITCH) 6P	
CNA82	*1-580-798-11	CONNECTOR PIN (DY) 6P	
		<TRIMMER>	
CT331	1-141-418-11	CAP, ADJ	(KV-M2100K/KV-M2101K)
	1-535-465-11	LEAD, JUMPER (5MM)	(KV-M2100D/KV-M2101D)
CT332	1-141-418-11	CAP, ADJ	
		<DIODE>	
D002	8-719-920-55	DIODE SPR-54MVW	
	*4-200-407-01	HOLDER, LED D002	
D004	8-719-914-44	DIODE DAP202K	
D007	8-719-400-18	DIODE MA152WK	
D008	8-719-105-82	DIODE RD5.1M-B2	
D009	8-719-105-82	DIODE RD5.1M-B2	
D011	8-719-911-19	DIODE 1SS119	
D020	8-719-911-19	DIODE 1SS119	
D101	8-719-110-03	DIODE RD7.5ESB2	
D102	8-719-110-03	DIODE RD7.5ESB2	
D103	8-719-110-03	DIODE RD7.5ESB2	
D104	8-719-400-18	DIODE MA152WK	
D110	8-719-109-85	DIODE RD5.1ESB2	
D301	8-719-914-44	DIODE DAP202K	
D302	8-719-800-76	DIODE 1SS226	
D303	8-719-914-44	DIODE DAP202K	
D305	8-719-800-76	DIODE 1SS226	
D306	8-719-400-18	DIODE MA152WK	
D313	8-719-800-76	DIODE 1SS226	
D321	8-719-109-89	DIODE RD5.6ESB2	
D324	8-719-914-44	DIODE DAP202K	
D331	8-719-911-19	DIODE 1SS119	(KV-M2100K/KV-M2101K)
D332	8-719-911-19	DIODE 1SS119	(KV-M2100K/KV-M2101K)
D333	8-719-911-19	DIODE 1SS119	
D334	8-719-914-44	DIODE DAP202K	
D402	8-719-109-97	DIODE RD6.8ESB2	
D403	8-719-109-97	DIODE RD6.8ESB2	
D404	8-719-109-97	DIODE RD6.8ESB2	
D405	8-719-110-09	DIODE RD8.2ESB3	
D406	8-719-110-09	DIODE RD8.2ESB3	
D411	8-719-109-97	DIODE RD6.8ESB2	
D417	8-719-914-44	DIODE DAP202K	
D418	8-719-914-44	DIODE DAP202K	
D426	8-719-911-19	DIODE 1SS119	
D427	8-719-911-19	DIODE 1SS119	
D450	8-719-109-97	DIODE RD6.8ESB2	
D501	8-719-950-57	DIODE BYD33G	
D503	8-719-911-19	DIODE 1SS119	
D504	8-719-400-18	DIODE MA152WK	
D519	8-719-400-18	DIODE MA152WK	
D601	8-719-311-72	DIODE RBV-406H-01	
D602	8-719-976-64	DIODE RGP02-17	
D603	8-719-908-03	DIODE GP08D	
D604	8-719-928-08	DIODE ERD28-08S	
D605	8-719-950-57	DIODE BYD33G	
D606	8-719-980-78	DIODE ERA83-006	
D607	8-719-950-57	DIODE BYD33G	
D608	8-719-950-57	DIODE BYD33G	
D609	8-719-908-03	DIODE GP08D	
D610	8-719-908-03	DIODE GP08D	
D611	8-719-312-40	DIODE R2K	
D801	8-719-945-80	DIODE ERC06-15S	
D802	8-719-928-08	DIODE ERD28-08S	
D803	8-719-950-57	DIODE BYD33G	
D805	8-719-950-57	DIODE BYD33G	
D806	8-719-976-64	DIODE RGP02-17	
D807	8-719-950-57	DIODE BYD33G	
D808	8-719-950-57	DIODE BYD33G	
D809	8-719-400-18	DIODE MA152WK	
D820	8-719-911-19	DIODE 1SS119	
		<DELAY LINE>	
DL301	1-236-062-11	MODULE, Y DELAY LINE	
		<FUSE>	
F601 ⚠	1-576-231-21	FUSE (H.B.C.) 4A/250V	
	1-533-230-11	HOLDER, FUSE F601	
	4-201-057-01	COVER, FUSE F601	
		<IC>	
IC001	8-759-517-38	IC PCA84C840P-012	
IC002	8-759-043-86	IC ST24C02AB1	
IC003	8-741-139-80	IC BX-1398	
IC004	8-759-805-37	IC L78LR05D-MA	
IC005	8-759-157-40	DIODE UPC574J	
IC102	8-759-044-41	IC TDA3827/V3	
IC201	8-759-502-74	IC TDA7245	
IC301	8-759-084-91	IC TDA4661/V2	
IC302	8-759-512-04	IC TDA3505-V1	
IC331	8-759-521-22	IC TDA4650/V4	
IC501	8-759-113-13	IC UPC1498H	
	*4-389-343-11	SPRING; IC501	
IC502	8-759-515-72	IC TDA8304	
IC601	8-749-901-65	IC STR54041	
	*4-368-683-11	SPRING; IC601	
IC801	8-759-945-58	IC RC4558P	
IC802	8-759-604-39	IC M5F78M12L	
	*4-389-343-11	SPRING; IC802	
		<JACK>	
J401	1-561-534-00	SOCKET, PIN 21P	
		<COIL>	
L001	1-408-409-00	INDUCTOR	10UH
L102	1-408-409-00	INDUCTOR	10UH
L103	1-408-399-00	INDUCTOR	1.5UH
L106	1-408-415-00	INDUCTOR	33UH
L107	1-408-410-00	INDUCTOR	12UH
L111	1-410-872-21	INDUCTOR	10UH (KV-M2100K/KV-M2101K)
L301	1-408-409-00	INDUCTOR	10UH
L302	1-408-419-00	INDUCTOR	68UH
L303	1-408-425-00	INDUCTOR	220UH
L331	1-404-554-11	COIL	
L406	1-408-417-00	INDUCTOR	47UH

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION	REMARK
L501	1-404-493-00	COIL	
L502	1-408-405-00	INDUCTOR 4.7UH	(KV-M2100K/KV-M2101K)
	1-408-408-00	INDUCTOR 15UH	(KV-M2100D/KV-M2101D)
L506	1-408-411-00	INDUCTOR 15UH	(KV-M2100D/KV-M2101D)
L801	1-407-365-00	COIL,CHOKE	
L802	1-420-872-00	COIL, AIR CORE	
L804	1-459-390-00	COIL (WITH CORE)	
L805	1-459-105-21	COIL(WITH CORE)	
L806	1-459-652-12	HLC	
L807	1-408-239-00	INDUCTOR 4.7MMH	
L808	1-408-226-00	INDUCTOR 82UH	
		<VARIABLE COIL>	
LV301	1-404-554-11	COIL	
		<IC LINK>	
PS801 ⚠	1-532-637-00	LINK, IC (ICP-N25) 1A	
		<TRANSISTOR>	
Q001	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q003	8-729-901-01	TRANSISTOR DTC144EK	
Q004	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q005	8-729-923-54	TRANSISTOR DTA143TK	
Q006	8-729-922-66	TRANSISTOR 2SC2410SN	
Q007	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q015	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q016	8-729-901-47	TRANSISTOR DTA143EK	
Q017	8-729-216-22	TRANSISTOR 2SA1162G	
Q019	8-729-901-06	TRANSISTOR DTA144EK	
Q020	8-729-901-00	TRANSISTOR DTC124EK	
Q101	8-729-901-47	TRANSISTOR DTA143EK	
Q102	8-729-901-47	TRANSISTOR DTA143EK	
Q103	8-729-901-47	TRANSISTOR DTA143EK	
Q104	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q106	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q107	8-729-216-22	TRANSISTOR 2SA1162G	
Q112	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q114	8-729-901-00	TRANSISTOR DTC124EK	
Q115	8-729-901-00	TRANSISTOR DTC124EK	
Q141	8-729-014-99	TRANSISTOR BF959-AMMO	
Q302	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q303	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q304	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q305	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q306	8-729-901-00	TRANSISTOR DTC124EK	(KV-M2100K/KV-M2101K)
Q307	8-729-216-22	TRANSISTOR 2SA1162G	
Q310	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q311	8-729-216-22	TRANSISTOR 2SA1162G	
Q401	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q457	8-729-216-22	TRANSISTOR 2SA1162G	
Q504	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q505	8-729-216-22	TRANSISTOR 2SA1162G	
Q601	8-729-906-74	TRANSISTOR BC637-16	
Q801	8-729-119-80	TRANSISTOR 2SC2688-LK	
Q802	8-729-925-64	TRANSISTOR BU508AS2	
Q803	8-729-904-27	TRANSISTOR 2SD1761-E	
		<RESISTOR>	
JR44	1-216-295-00	METAL GLAZE 0 5% 1/10W	(KV-M2100K/KV-M2101K)
JR53	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR99	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR003	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR004	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR005	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR006	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR009	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR010	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR011	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR012	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR015	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR016	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR017	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR018	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR019	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR020	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR026	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR028	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR029	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR030	1-216-295-00	METAL GLAZE 0 5% 1/10W	(KV-M2100D/KV-M2101D)
JR034	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR036	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR037	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR038	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR039	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR040	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR041	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR042	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR044	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR045	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR050	1-216-295-00	METAL GLAZE 0 5% 1/10W	(KV-M2100K/KV-M2101K)
JR051	1-216-295-00	METAL GLAZE 0 5% 1/10W	(KV-M2100K/KV-M2101K)
JR052	1-216-295-00	METAL GLAZE 0 5% 1/10W	(KV-M2100K/KV-M2101K)
JR060	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR101	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR102	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR103	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR104	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR105	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR106	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR107	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR108	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR109	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR110	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR111	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR112	1-216-296-00	METAL GLAZE 0 5% 1/8W	(KV-M2100K/KV-M2101K)
JR116	1-216-296-00	METAL GLAZE 0 5% 1/8W	(KV-M2100K/KV-M2101K)
JR117	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR118	1-216-296-00	METAL GLAZE 0 5% 1/8W	

REF.NO.	PART NO.	DESCRIPTION				REMARK
JR121	1-216-296-00	METAL GLAZE	0	5%	1/8W	(KV-M2100K/KV-M2101K)
JR122	1-216-296-00	METAL GLAZE	0	5%	1/8W	(KV-M2100K/KV-M2101K)
JR123	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR125	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR126	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR127	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR128	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR129	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR130	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR131	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR133	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR134	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR135	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR137	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR139	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR140	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR144	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR147	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR148	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR149	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR150	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR151	1-216-296-00	METAL GLAZE	0	5%	1/8W	(KV-M2100D/KV-M2101D)
JR152	1-216-296-00	METAL GLAZE	0	5%	1/8W	(KV-M2100D/KV-M2101D)
JR153	1-216-296-00	METAL GLAZE	0	5%	1/8W	(KV-M2100D/KV-M2101D)
JR155	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR181	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR182	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR183	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR184	1-216-296-00	METAL GLAZE	0	5%	1/8W	
R001	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	
R002	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R003	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R004	1-216-083-00	METAL GLAZE	27K	5%	1/10W	
R005	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W	
R006	1-216-254-00	METAL GLAZE	220K	5%	1/8W	
R007	1-216-190-00	METAL GLAZE	470	5%	1/8W	
R008	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R009	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R010	1-216-198-00	METAL GLAZE	1K	5%	1/8W	
R011	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R012	1-216-248-00	METAL GLAZE	120K	5%	1/8W	
R013	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R014	1-216-689-11	METAL GLAZE	39K	5%	1/10W	
R015	1-216-230-00	METAL GLAZE	22K	5%	1/8W	
R016	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R017	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R018	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R019	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R020	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R021	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R022	1-216-198-00	METAL GLAZE	1K	5%	1/8W	
R023	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	
R024	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R025	1-216-097-00	METAL GLAZE	100K	5%	1/10W	
R026	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R028	1-216-085-00	METAL GLAZE	33K	5%	1/10W	

REF.NO.	PART NO.	DESCRIPTION				REMARK
R029	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R030	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R031	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R032	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R033	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R034	1-216-238-00	METAL GLAZE	47K	5%	1/8W	
R035	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R038	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R040	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R041	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R042	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R043	1-215-900-11	METAL OXIDE	22K	5%	2W	
R044	1-216-105-00	METAL GLAZE	220K	5%	1/10W	
R045	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R046	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R047	1-216-079-00	METAL GLAZE	18K	5%	1/10W	
R048	1-216-202-00	METAL GLAZE	1.5K	5%	1/8W	
R049	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R050	1-216-250-00	METAL GLAZE	150K	5%	1/8W	
R051	1-216-295-00	METAL GLAZE	0	5%	1/10W	
R052	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R053	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R054	1-249-395-11	CARBON	15	5%	1/4W	
R055	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R056	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R058	1-249-434-11	CARBON	27K	5%	1/4W	
R059	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R060	1-216-234-00	METAL GLAZE	33K	5%	1/8W	
R061	1-216-079-00	METAL GLAZE	18K	5%	1/10W	
R062	1-216-242-00	METAL GLAZE	68K	5%	1/8W	
R064	1-216-095-00	METAL GLAZE	82K	5%	1/10W	
R070	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W	(KV-M2100K/KV-M2101K)
R071	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W	(KV-M2100K/KV-M2101K)
R075	1-216-248-00	METAL GLAZE	120K	5%	1/8W	
R076	1-216-198-00	METAL GLAZE	1K	5%	1/8W	
R077	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R078	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R079	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R081	1-216-198-00	METAL GLAZE	1K	5%	1/8W	
R082	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R083	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R084	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R086	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	(KV-M2100K/KV-M2101K)
R087	1-216-027-00	METAL GLAZE	120	5%	1/10W	
R089	1-216-212-00	METAL GLAZE	3.9K	5%	1/8W	(KV-M2100K/KV-M2101K)
R094	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R095	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R096	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R097	1-216-085-00	METAL GLAZE	33K	5%	1/10W	
R099	1-216-228-00	METAL GLAZE	18K	5%	1/8W	
R100	1-216-017-00	METAL GLAZE	47	5%	1/10W	
R101	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	
R102	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	
R103	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R104	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	

REF.NO.	PART NO.	DESCRIPTION				REMARK
R105	1-216-109-00	METAL GLAZE	330K	5%	1/10W	
R106	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R107	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R108	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R109	1-216-190-00	METAL GLAZE	470	5%	1/8W	
R110	1-249-437-11	CARBON	47K	5%	1/4W	
R111	1-216-085-00	METAL GLAZE	33K	5%	1/10W	
R112	1-249-411-11	CARBON	330	5%	1/4W	
R113	1-216-077-00	METAL GLAZE	15K	5%	1/10W	(KV-M2100K/KV-M2101K)
	1-216-085-00	METAL GLAZE	33K	5%	1/10W	(KV-M2100D/KV-M2101D)
R114	1-216-238-00	METAL GLAZE	47K	5%	1/8W	
R115	1-216-045-00	METAL GLAZE	680	5%	1/10W	
R116	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R118	1-216-037-00	METAL GLAZE	330	5%	1/10W	(KV-M2100K/KV-M2101K)
	1-216-035-00	METAL GLAZE	270	5%	1/10W	(KV-M2100D/KV-M2101D)
R119	1-216-045-00	METAL GLAZE	680	5%	1/10W	
R130	1-249-409-11	CARBON	220	5%	1/4W	
R131	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R132	1-216-295-00	METAL GLAZE	0	5%	1/10W	
R136	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R138	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R139	1-216-295-00	METAL GLAZE	0	5%	1/10W	
R140	1-216-037-00	METAL GLAZE	330	5%	1/10W	(KV-M2100K/KV-M2101K)
	1-216-045-00	METAL GLAZE	680	5%	1/10W	(KV-M2100D/KV-M2101D)
R141	1-216-021-00	METAL GLAZE	68	5%	1/10W	(KV-M2100K/KV-M2101K)
	1-216-029-00	METAL GLAZE	150	5%	1/10W	(KV-M2100D/KV-M2101D)
R142	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W	
R143	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R144	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R147	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R148	1-216-017-00	METAL GLAZE	47	5%	1/10W	
R149	1-216-182-00	METAL GLAZE	220	5%	1/8W	
R151	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R152	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	
R153	1-215-867-00	METAL OXIDE	470	5%	1W	
R199	1-216-029-00	METAL GLAZE	150	5%	1/10W	(KV-M2100K/KV-M2101K)
	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	(KV-M2100D/KV-M2101D)
R201	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R202	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R203	1-216-298-00	METAL GLAZE	2.2	5%	1/10W	
R204	1-247-741-11	CARBON	150	5%	1/2W	
R205	1-216-083-00	METAL GLAZE	27K	5%	1/10W	
R206	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R207	1-216-298-00	METAL GLAZE	2.2	5%	1/10W	
R301	1-216-077-00	METAL GLAZE	15K	5%	1/10W	(KV-M2100K/KV-M2101K)
R302	1-216-033-00	METAL GLAZE	220	5%	1/10W	(KV-M2100K/KV-M2101K)
R303	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R304	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R305	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R306	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W	
R307	1-216-077-00	METAL GLAZE	15K	5%	1/10W	

REF.NO.	PART NO.	DESCRIPTION				REMARK
R308	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R309	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W	
R310	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R311	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	
R312	1-216-174-00	METAL GLAZE	100	5%	1/8W	
R313	1-216-174-00	METAL GLAZE	100	5%	1/8W	
R314	1-216-025-00	METAL GLAZE	100	5%	1/10W	
R315	1-216-047-00	METAL GLAZE	820	5%	1/10W	
R316	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R317	1-216-202-00	METAL GLAZE	1.5K	5%	1/8W	
R318	1-216-089-00	METAL GLAZE	47K	5%	1/10W	(KV-M2100K/KV-M2101K)
R319	1-216-089-00	METAL GLAZE	47K	5%	1/10W	(KV-M2100K/KV-M2101K)
R320	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R321	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R322	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
R323	1-216-192-00	METAL GLAZE	560	5%	1/8W	
R324	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R325	1-249-410-11	CARBON	270	5%	1/4W	
R326	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R327	1-216-121-00	METAL GLAZE	1M	5%	1/10W	
R328	1-216-001-00	METAL GLAZE	10	5%	1/10W	
R329	1-216-109-00	METAL GLAZE	330K	5%	1/10W	
R330	1-216-244-00	METAL GLAZE	82K	5%	1/8W	
R331	1-216-113-00	METAL GLAZE	470K	5%	1/10W	
R332	1-216-270-00	METAL GLAZE	1M	5%	1/8W	
R333	1-216-091-00	METAL GLAZE	56K	5%	1/10W	
R334	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W	
R335	1-216-001-00	METAL GLAZE	10	5%	1/10W	
R336	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W	
R337	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R338	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R341	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	
R342	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R343	1-216-031-00	METAL GLAZE	180	5%	1/10W	(KV-M2100K/KV-M2101K)
R346	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R347	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R348	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R349	1-216-029-00	METAL GLAZE	150	5%	1/10W	
R350	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R351	1-216-043-00	METAL GLAZE	560	5%	1/10W	
R352	1-216-039-00	METAL GLAZE	390	5%	1/10W	
R353	1-249-438-11	CARBON	56K	5%	1/4W	
R354	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R355	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R356	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R357	1-216-039-00	METAL GLAZE	390	5%	1/10W	
R360	1-216-001-00	METAL GLAZE	10	5%	1/10W	
R363	1-216-222-00	METAL GLAZE	10K	5%	1/8W	
R364	1-216-222-00	METAL GLAZE	10K	5%	1/8W	
R399	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R402	1-216-172-00	METAL GLAZE	82	5%	1/8W	
R403	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R404	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R405	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R406	1-216-226-00	METAL GLAZE	15K	5%	1/8W	
R407	1-216-226-00	METAL GLAZE	15K	5%	1/8W	
R408	1-216-091-00	METAL GLAZE	56K	5%	1/10W	

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REF.NO.		PART NO.	DESCRIPTION			REMARK
R409		1-216-023-00	METAL GLAZE	82	5%	1/10W
R411		1-216-037-00	METAL GLAZE	330	5%	1/10W
R412		1-216-037-00	METAL GLAZE	330	5%	1/10W
R413		1-216-037-00	METAL GLAZE	330	5%	1/10W
R414		1-216-041-00	METAL GLAZE	470	5%	1/10W
R420		1-216-182-00	METAL GLAZE	220	5%	1/8W
R423		1-216-095-00	METAL GLAZE	82K	5%	1/10W
R424		1-216-222-00	METAL GLAZE	10K	5%	1/8W
R425		1-216-033-00	METAL GLAZE	220	5%	1/10W
R426		1-216-045-00	METAL GLAZE	680	5%	1/10W
R427		1-216-049-00	METAL GLAZE	1K	5%	1/10W
R428		1-216-073-00	METAL GLAZE	10K	5%	1/10W
R430		1-216-077-00	METAL GLAZE	15K	5%	1/10W
R432		1-249-403-11	CARBON	68	5%	1/4W
R433		1-216-079-00	METAL GLAZE	18K	5%	1/10W
R434		1-216-029-00	METAL GLAZE	150	5%	1/10W
R435		1-216-033-00	METAL GLAZE	220	5%	1/10W
R436		1-216-089-00	METAL GLAZE	47K	5%	1/10W
R437		1-216-085-00	METAL GLAZE	33K	5%	1/10W
R501		1-216-214-00	METAL GLAZE	4.7K	5%	1/8W
R502		1-247-743-11	CARBON	220	5%	1/2W
R503		1-249-437-11	CARBON	47K	5%	1/4W
R504		1-216-017-00	METAL GLAZE	47	5%	1/10W
R505		1-216-089-00	METAL GLAZE	47K	5%	1/10W
R507		1-216-350-11	METAL OXIDE	1.2	5%	1W F
R508		1-215-867-00	METAL OXIDE	470	5%	1W
R510		1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R511		1-216-244-00	METAL GLAZE	82K	5%	1/8W
R512		1-216-089-00	METAL GLAZE	47K	5%	1/10W
R513		1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R514		1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R515		1-216-683-11	METAL CHIP	22K	0.50%	1/10W
R516		1-216-095-00	METAL GLAZE	82K	5%	1/10W
R517		1-216-031-00	METAL GLAZE	180	5%	1/10W
R518		1-216-295-00	METAL GLAZE	0	5%	1/10W (KV-M2100K/KV-M2101K)
R519		1-216-049-00	METAL GLAZE	1K	5%	1/10W
R520		1-216-258-00	METAL GLAZE	330K	5%	1/8W
R521		1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R522		1-215-863-11	METAL OXIDE	100	5%	1W
R523		1-247-754-11	CARBON	1.5K	5%	1/2W
R524		1-216-099-00	METAL GLAZE	120K	5%	1/10W
R525		1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R527		1-215-869-11	METAL OXIDE	1K	5%	1W
R532		1-216-081-00	METAL GLAZE	22K	5%	1/10W
R533		1-216-133-00	METAL GLAZE	3.3M	5%	1/10W
R534		1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R535		1-216-107-00	METAL GLAZE	270K	5%	1/10W
R539		1-216-049-00	METAL GLAZE	1K	5%	1/10W
R542		1-216-025-00	METAL GLAZE	100	5%	1/10W
R543		1-249-408-11	CARBON	180	5%	1/4W
R545		1-216-286-00	METAL GLAZE	4.7M	5%	1/8W
R548		1-216-049-00	METAL GLAZE	1K	5%	1/10W
R601	⚠	1-205-909-11	WIREWOUND	3.3	5%	10W
R602		1-214-923-00	CARBON	270K	5%	1/2W
R603		1-215-903-11	METAL OXIDE	68K	5%	2W
R604		1-247-752-11	CARBON	1K	5%	1/2W
R606		1-212-877-11	FUSIBLE	68	5%	1/4W
R607		1-249-430-11	CARBON	12K	5%	1/4W
R608		1-215-884-11	METAL OXIDE	47	5%	2W
R609		1-207-905-00	WIREWOUND	0.27	10%	2W
R611		1-214-915-00	CARBON	120K	5%	1/2W
R612		1-217-137-11	FUSIBLE	0.33	5%	1/4W
R613		1-217-811-11	FUSIBLE	0.47	5%	1/4W
R614		1-216-037-00	METAL GLAZE	330	5%	1/10W
R615		1-216-013-00	METAL GLAZE	33	5%	1/10W
R617		1-216-354-11	METAL OXIDE	2.7	5%	1W F
R620		1-216-465-11	METAL OXIDE	27K	5%	2W
R621		1-216-465-11	METAL OXIDE	27K	5%	2W
R628		1-218-265-21	METAL GLAZE	8.2M	5%	1W
R629		1-213-096-00	FUSIBLE	330	5%	1W (KV-M2100D/KV-M2101D)
R801		1-217-778-11	FUSIBLE	1K	5%	1W F
R802		1-217-819-11	FUSIBLE	2.7K	5%	1/4W
R803		1-216-352-11	METAL OXIDE	1.8	5%	1W F
R804		1-216-013-00	METAL GLAZE	33	5%	1/10W
R805		1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R806		1-216-049-00	METAL GLAZE	1K	5%	1/10W
R807		1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R808		1-216-091-00	METAL GLAZE	56K	5%	1/10W
R809		1-216-689-11	METAL GLAZE	39K	5%	1/10W
R810		1-216-109-00	METAL GLAZE	330K	5%	1/10W
R811		1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R812		1-217-778-11	FUSIBLE	1K	5%	1W F
R813		1-212-877-11	FUSIBLE	68	5%	1/4W
R814		1-215-868-00	METAL OXIDE	680	5%	1W F
R816		1-247-883-00	CARBON	150K	5%	1/4W
R817		1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R818		1-202-830-00	SOLID	10K	10%	1/2W
R819		1-249-448-11	CARBON	1.2	5%	1/4W F
R820		1-217-811-11	FUSIBLE	0.47	5%	1/4W
R821		1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R822		1-216-204-00	METAL GLAZE	1.8K	5%	1/8W
R823		1-216-077-00	METAL GLAZE	15K	5%	1/10W
R826		1-216-025-00	METAL GLAZE	100	5%	1/10W
R827		1-216-081-00	METAL GLAZE	22K	5%	1/10W
R830		1-216-192-00	METAL GLAZE	560	5%	1/8W
R850		1-215-882-00	METAL OXIDE	22	5%	2W F

<VARIABLE RESISTOR>

RV001		1-241-627-11	RES, ADJ, CARBON 1K
RV331		1-241-627-11	RES, ADJ, CARBON 1K
RV501		1-241-630-11	RES, ADJ, CARBON 10K
RV502		1-226-703-11	RES, ADJ, METAL GLAZE 10K
RV503		1-238-019-11	RES, ADJ, CARBON 47K
RV504		1-238-019-11	RES, ADJ, CARBON 47K
RV505		1-238-009-11	RES, ADJ, CARBON 220
RV801		1-241-629-11	RES, ADJ, CARBON 4.7K
RV802		1-238-019-11	RES, ADJ, CARBON 47K

<SWITCH>

S001		1-571-532-21	SWITCH, TACTIL
S002		1-571-532-21	SWITCH, TACTIL
S003		1-571-532-21	SWITCH, TACTIL
S601	⚠	1-571-433-11	SWITCH, PUSH (AC POWER)

<SPARK GAP>

SG801		1-519-422-11	GAP, SPARK

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Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION			REMARK
		<TRANSFORMER>			
T601	⚠ 1-449-275-21	S.R.T			
T603	⚠ 1-421-776-11	LFT			
T604	⚠ 1-424-078-11	TRANSFORMER, TRIGGER PULSE			
T605	⚠ 1-424-391-11	TRANSFORMER, LINE FILTER			
T801	1-437-090-00	HDT			
T802	⚠ 1-439-416-51	TRANSFORMER ASSY, FLYBACK (UX-1650)			
		<THERMISTOR>			
THP601	⚠ 1-808-059-31	THERMISTOR, POSITIVE			
		<TUNER>			
TU101	1-465-541-14	TUNER (BT-3C 301) (KV-M2100K/KV-M2101K)			
	1-693-093-11	TUNER (BT-3C 421) (KV-M2100D/KV-M2101D)			
		<CRYSTAL>			
X001	1-577-619-11	VIBRATOR, CRYSTAL			
X331	1-567-307-11	OSCILLATOR, CRYSTAL (KV-M2100K/KV-M2101K)			
	1-535-465-11	LEAD, JUMPER (5MM) (KV-M2100D/KV-M2101D)			
X332	1-567-131-00	OSCILLATOR, CRYSTAL			
**********					
	*A-1632-135-A	A BOARD, COMPLETE (KV-M2100B) **********			
	4-200-399-11	SPACER, IC			
TP15	*1-535-084-00	1P TERMINAL PIN			
		<CAPACITOR>			
C001	1-126-101-11	ELECT	100MF	20%	16V
C002	1-106-220-00	MYLAR	0.1MF	10%	100V
C003	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C004	1-123-382-00	ELECT	3.3MF	20%	50V
C005	1-126-103-11	ELECT	470MF	20%	16V
C006	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C007	1-124-907-11	ELECT	10MF	20%	50V
C009	1-124-907-11	ELECT	10MF	20%	50V
C010	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C012	1-126-233-11	ELECT	22MF	20%	50V
C018	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C020	1-124-903-11	ELECT	1MF	20%	50V
C021	1-124-907-11	ELECT	10MF	20%	50V
C023	1-124-907-11	ELECT	10MF	20%	50V
C024	1-124-907-11	ELECT	10MF	20%	50V
C025	1-124-916-11	ELECT	22MF	20%	50V
C026	1-124-903-11	ELECT	1MF	20%	50V
C030	1-124-903-11	ELECT	1MF	20%	50V
C037	1-163-034-00	CERAMIC CHIP	0.033MF		50V
C038	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C039	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C041	1-124-478-11	ELECT	100MF	20%	25V
C055	1-163-075-00	CERAMIC CHIP	0.047MF		50V
C058	1-163-077-00	CERAMIC CHIP	0.1MF	10%	25V
C059	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C062	1-126-101-11	ELECT	100MF	20%	16V
C063	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C101	1-124-907-11	ELECT	10MF	20%	50V
C102	1-124-910-11	ELECT	47MF	20%	50V
C103	1-163-105-00	CERAMIC CHIP	33PF	5%	50V
C104	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C105	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C107	1-124-477-11	ELECT	47MF	20%	16V
C108	1-124-916-11	ELECT	22MF	20%	50V
C109	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C110	1-124-927-11	ELECT	4.7MF	20%	50V
C111	1-124-907-11	ELECT	10MF	20%	50V
C112	1-163-119-00	CERAMIC CHIP	120PF	5%	50V
C113	1-163-109-00	CERAMIC CHIP	47PF	5%	50V
C114	1-163-127-00	CERAMIC CHIP	270PF	5%	50V
C115	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C117	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C118	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C119	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C120	1-163-173-00	CERAMIC CHIP	47PF	5%	50V
C121	1-163-029-11	CERAMIC CHIP	0.0047MF		50V
C122	1-163-029-11	CERAMIC CHIP	0.0047MF		50V
C123	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C125	1-124-917-11	ELECT	33MF	20%	50V
C126	1-124-925-11	ELECT	2.2MF	20%	50V
C128	1-163-025-11	CERAMIC CHIP	0.001MF		50V
C129	1-136-171-00	FILM	0.33MF	5%	50V
C130	1-136-171-00	FILM	0.33MF	5%	50V
C131	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C132	1-163-029-11	CERAMIC CHIP	0.0047MF		50V
C133	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C134	1-136-562-11	MYLAR	0.0082MF	10%	400V
C135	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C136	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C139	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C140	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C141	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C142	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C143	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C144	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C145	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C146	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C147	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C148	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C149	1-126-101-11	ELECT	100MF	20%	16V
C151	1-124-925-11	ELECT	2.2MF	20%	50V
C154	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C156	1-163-215-00	CERAMIC CHIP	0.0027MF	5%	50V
C157	1-124-910-11	ELECT	47MF	20%	50V
C161	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C163	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C201	1-124-916-11	ELECT	22MF	20%	50V
C202	1-124-925-11	ELECT	2.2MF	20%	50V
C203	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C204	1-124-480-11	ELECT	470MF	20%	25V
C206	1-163-011-11	CERAMIC CHIP	0.0015MF	10%	50V
C207	1-124-925-11	ELECT	2.2MF	20%	50V
C208	1-126-104-11	ELECT	470MF	20%	35V
C209	1-124-910-11	ELECT	47MF	20%	50V
C210	1-106-228-00	MYLAR	0.22MF	10%	100V

he components identified by
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ır safety.
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ɔecified.

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REF.NO.	PART NO.	DESCRIPTION		REMARK
C302	1-163-059-00	CERAMIC CHIP 0.01MF		50V
C303	1-163-059-00	CERAMIC CHIP 0.01MF		50V
C304	1-163-038-00	CERAMIC CHIP 0.1MF		25V
C305	1-124-910-11	ELECT 47MF	20%	50V
C306	1-106-220-00	MYLAR 0.1MF	10%	100V
C307	1-163-038-00	CERAMIC CHIP 0.1MF		25V
C308	1-124-910-11	ELECT 47MF	20%	50V
C309	1-163-099-00	CERAMIC CHIP 18PF	5%	50V
C311	1-163-133-00	CERAMIC CHIP 470PF	5%	50V
C312	1-163-121-00	CERAMIC CHIP 150PF	5%	50V
C313	1-163-105-00	CERAMIC CHIP 33PF	5%	50V
C314	1-163-103-00	CERAMIC CHIP 27PF	5%	50V
C316	1-163-377-11	CERAMIC CHIP 100PF	5%	50V
C317	1-163-093-00	CERAMIC CHIP 10PF	5%	50V
C318	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V
C319	1-163-038-00	CERAMIC CHIP 0.1MF		25V
C321	1-163-038-00	CERAMIC CHIP 0.1MF		25V
C323	1-163-055-00	CERAMIC CHIP 0.0047MF	10%	50V
C329	1-131-367-00	TANTALUM 22MF	10%	16V
C330	1-163-117-00	CERAMIC CHIP 100PF	5%	50V
C331	1-124-927-11	ELECT 4.7MF	20%	50V
C332	1-130-783-00	MYLAR 0.33MF	10%	100V
C333	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V
C334	1-163-063-00	CERAMIC CHIP 0.022MF	10%	50V
C335	1-163-063-00	CERAMIC CHIP 0.022MF	10%	50V
C336	1-163-119-00	CERAMIC CHIP 120PF	5%	50V
C337	1-130-834-00	MYLAR 1MF	10%	63V
C338	1-106-220-00	MYLAR 0.1MF	10%	100V
C339	1-106-220-00	MYLAR 0.1MF	10%	100V
C340	1-162-568-11	CERAMIC CHIP 0.33MF	10%	16V
C341	1-130-783-00	MYLAR 0.33MF	10%	100V
C343	1-106-383-00	MYLAR 0.047MF	10%	100V
C344	1-130-783-00	MYLAR 0.33MF	10%	100V
C345	1-163-187-00	CERAMIC CHIP 180PF	5%	50V
C346	1-163-033-00	CERAMIC CHIP 0.022MF		50V
C347	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V
C348	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V
C349	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V
C352	1-106-375-12	MYLAR 0.022MF	10%	250V
C353	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V
C354	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V
C355	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V
C356	1-163-237-11	CERAMIC CHIP 27PF	5%	50V
C357	1-163-031-11	CERAMIC CHIP 0.01MF		50V
C358	1-124-556-11	ELECT 2200MF	20%	16V
C359	1-163-125-00	CERAMIC CHIP 220PF	5%	50V
C360	1-124-903-11	ELECT 1MF	20%	50V
C361	1-163-237-11	CERAMIC CHIP 27PF	5%	50V
C367	1-163-031-11	CERAMIC CHIP 0.01MF		50V
C370	1-124-916-11	ELECT 22MF	20%	50V
C388	1-106-220-00	MYLAR 0.1MF	10%	100V
C401	1-124-910-11	ELECT 47MF	20%	50V
C403	1-163-133-00	CERAMIC CHIP 470PF	5%	50V
C404	1-163-031-11	CERAMIC CHIP 0.01MF		50V
C430	1-164-336-11	CERAMIC CHIP 0.33MF		25V
C431	1-124-910-11	ELECT 47MF	20%	50V
C432	1-163-031-11	CERAMIC CHIP 0.01MF		50V
C433	1-124-916-11	ELECT 22MF	20%	25V
C434	1-163-031-11	CERAMIC CHIP 0.01MF		50V
C475	1-124-916-11	ELECT 22MF	20%	50V
C476	1-108-702-11	MYLAR 0.068MF	10%	100V
C490	1-124-910-11	ELECT 47MF	20%	50V
C499	1-163-205-00	CERAMIC CHIP 0.001MF	10%	50V
C501	1-163-181-00	CERAMIC CHIP 100PF	5%	50V
C502	1-163-005-11	CERAMIC CHIP 470PF	10%	50V
C503	1-163-181-00	CERAMIC CHIP 100PF	5%	50V
C504	1-124-122-11	ELECT 100MF	20%	50V
C505	1-124-916-11	ELECT 22MF	20%	50V
C506	1-106-228-00	MYLAR 0.22MF	10%	100V
C507	1-124-557-11	ELECT 1000MF	20%	25V
C508	1-163-117-00	CERAMIC CHIP 100PF	5%	50V
C509	1-162-568-11	CERAMIC CHIP 0.33MF	10%	16V
C510	1-163-081-00	CERAMIC CHIP 0.22MF		25V
C511	1-163-117-00	CERAMIC CHIP 100PF	5%	50V
C512	1-108-702-11	MYLAR 0.068MF	10%	100V
C513	1-124-927-11	ELECT 4.7MF	20%	50V
C514	1-136-298-00	FILM 0.0033MF	2%	100V
C515	1-163-035-00	CERAMIC CHIP 0.047MF		50V
C516	1-163-113-00	CERAMIC CHIP 68PF	5%	50V
C517	1-163-033-00	CERAMIC CHIP 0.022MF		50V
C520	1-163-033-00	CERAMIC CHIP 0.022MF		50V
C521	1-131-377-00	TANTALUM 10MF	10%	10V
C522	1-163-029-11	CERAMIC CHIP 0.0047MF		50V
C523	1-163-029-11	CERAMIC CHIP 0.0047MF		50V
C524	1-106-228-00	MYLAR 0.22MF	10%	100V
C525	1-106-375-12	MYLAR 0.022MF	10%	250V
C526	1-124-910-11	ELECT 47MF	20%	50V
C527	1-163-017-00	CERAMIC CHIP 0.0047MF	10%	50V
C528	1-163-017-00	CERAMIC CHIP 0.0047MF	10%	50V
C529	1-163-117-00	CERAMIC CHIP 100PF	5%	50V
C530	1-163-197-00	CERAMIC CHIP 470PF	5%	50V
C531	1-163-121-00	CERAMIC CHIP 150PF	5%	50V
C532	1-163-117-00	CERAMIC CHIP 100PF	5%	50V
C535	1-163-029-11	CERAMIC CHIP 0.0047MF		50V
C536	1-124-927-11	ELECT 4.7MF	20%	50V
C537	1-163-038-00	CERAMIC CHIP 0.1MF		25V
C538	1-124-282-00	ELECT 22MF	20%	16V
C540	1-163-111-00	CERAMIC CHIP 56PF	5%	50V
C601 ⚠	1-161-964-61	CERAMIC 0.0047MF		250V
C602 ⚠	1-161-964-61	CERAMIC 0.0047MF		250V
C603	1-162-599-12	CERAMIC 0.0047MF		250V
C604	1-125-318-00	ELECT(BLOCK) 220MF	20%	400V
C605	1-161-754-00	CERAMIC 0.001MF	10%	2KV
C606	1-104-728-11	FILM 0.047MF	10%	630V
C607	1-106-367-00	MYLAR 0.01MF	10%	400V
C608	1-161-753-00	CERAMIC 470PF	10%	1KV
C609	1-124-347-00	ELECT 100MF	20%	160V
C610	1-124-557-11	ELECT 1000MF	20%	25V
C612	1-102-228-00	CERAMIC 470PF	10%	500V
C614	1-126-101-11	ELECT 100MF	20%	16V
C618	1-124-916-11	ELECT 22MF	20%	50V
C621 ⚠	1-136-517-11	FILM 0.22MF	20%	400V
C623 ⚠	1-164-246-61	CERAMIC 0.0022MF	20%	400V
C631	1-163-125-00	CERAMIC CHIP 220PF	5%	50V
C632 ⚠	1-161-964-61	CERAMIC 0.0047MF		250V
C633	1-161-742-00	CERAMIC 0.0022MF	20%	400V
C801	1-101-821-00	CERAMIC 0.0022MF		500V
C802	1-102-244-00	CERAMIC 220PF	10%	500V
C804	1-126-101-11	ELECT 100MF	20%	16V
C805	1-136-080-00	FILM 0.011MF	3%	1KV

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REF.NO.	PART NO.	DESCRIPTION			REMARK
C806	1-136-187-11	FILM	0.047MF	10%	250V
C807	1-161-754-00	CERAMIC	0.001MF	10%	2KV
C808	1-136-933-11	FILM	1MF	5%	100V
C809	1-102-212-00	CERAMIC	820PF	10%	500V
C811	1-136-540-11	FILM	0.82MF	5%	160V
C812	1-124-634-11	ELECT	1MF	20%	250V
C813	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C814	1-126-542-11	ELECT	4.7MF	20%	160V
C815	1-124-916-11	ELECT	22MF	20%	50V
C816	1-102-228-00	CERAMIC	470PF	10%	500V
C817	1-123-948-00	ELECT	22MF	20%	250V
C818	1-106-375-12	MYLAR	0.022MF	10%	250V
C819	1-162-114-00	CERAMIC	0.0047MF		2KV
C820	1-162-318-11	CERAMIC	0.001MF	10%	500V
C821	1-126-101-11	ELECT	100MF	20%	16V
C822	1-162-318-11	CERAMIC	0.001MF	10%	500V
C823	1-126-233-11	ELECT	22MF	20%	50V
C824	1-124-913-11	ELECT	470MF	20%	50V
C825	1-136-204-11	MYLAR	0.015MF	10%	400V
C840	1-124-902-00	ELECT	0.47MF	20%	50V
C850	1-126-101-11	ELECT	100MF	20%	16V
		<FILTER>			
CD101	1-579-110-11	DISCRIMINATOR, CERAMIC			
CF501	1-409-430-11	TRAP, CERAMIC			
SWF101	1-579-273-11	FILTER, SURFACE WAVE			
SWF102	1-404-711-11	SAWF			
SWF103	1-404-712-11	SAWF			
XF501	1-527-840-00	FILTER, CERAMIC			
		<CONNECTOR>			
CNA21	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)			
CNA22	*1-568-878-51	PIN, CONNECTOR 3P			
CNA61 ⚠	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P			
CNA62 ⚠	*1-580-844-11	PIN, CONNECTOR (POWER)			
CNA63	*1-508-786-00	PIN, CONNECTOR (5MM PITCH) 2P			
CNA64	*1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P			
CNA81	*1-508-768-00	PIN, CONNECTOR (5MM PITCH) 6P			
CNA82	*1-580-798-11	CONNECTOR PIN (DY) 6P			
		<TRIMMER>			
CT332	1-141-418-11	CAP, ADJ			
		<DIODE>			
D002	8-719-920-55	DIODE SPR-54MVW			
	*4-200-407-01	HOLDER, LED; D002			
D004	8-719-914-44	DIODE DAP202K			
D006	8-719-400-18	DIODE MA152WK			
D007	8-719-400-18	DIODE MA152WK			
D008	8-719-105-82	DIODE RD5.1M-B2			
D009	8-719-105-82	DIODE RD5.1M-B2			
D011	8-719-911-19	DIODE 1SS119			
D020	8-719-911-19	DIODE 1SS119			
D101	8-719-110-03	DIODE RD7.5ESB2			
D102	8-719-110-03	DIODE RD7.5ESB2			
D103	8-719-110-03	DIODE RD7.5ESB2			
D105	8-719-400-18	DIODE MA152WK			
D110	8-719-109-85	DIODE RD5.1ESB2			
D301	8-719-914-44	DIODE DAP202K			

REF.NO.	PART NO.	DESCRIPTION	REMARK
D302	8-719-800-76	DIODE 1SS226	
D303	8-719-914-44	DIODE DAP202K	
D305	8-719-800-76	DIODE 1SS226	
D306	8-719-400-18	DIODE MA152WK	
D313	8-719-800-76	DIODE 1SS226	
D321	8-719-109-89	DIODE RD5.6ESB2	
D324	8-719-914-44	DIODE DAP202K	
D333	8-719-911-19	DIODE 1SS119	
D334	8-719-914-44	DIODE DAP202K	
D402	8-719-109-97	DIODE RD6.8ESB2	
D403	8-719-109-97	DIODE RD6,8ESB2	
D404	8-719-109-97	DIODE RD6.8ESB2	
D405	8-719-110-09	DIODE RD8.2ESB3	
D406	8-719-110-09	DIODE RD8.2ESB3	
D411	8-719-109-97	DIODE RD6.8ESB2	
D412	8-719-010-34	DIODE JZ-4.7BSC	
D417	8-719-914-44	DIODE DAP202K	
D418	8-719-914-44	DIODE DAP202K	
D426	8-719-911-19	DIODE 1SS119	
D427	8-719-911-19	DIODE 1SS119	
D450	8-719-109-97	DIODE RD6.8ESB2	
D501	8-719-300-33	DIODE RU-3AM	
D503	8-719-911-19	DIODE 1SS119	
D504	8-719-400-18	DIODE MA152WK	
D511	8-719-903-27	DIODE 1SS168	
D519	8-719-400-18	DIODE MA152WK	
D601	8-719-311-72	DIODE RBV-406H-01	
D602	8-719-976-64	DIODE RGP02-17	
D603	8-719-908-03	DIODE GP08D	
D604	8-719-928-08	DIODE ERD28-08S	
D605	8-719-300-33	DIODE RU-3AM	
D606	8-719-980-78	DIODE ERA83-006	
D607	8-719-300-33	DIODE RU-3AM	
D608	8-719-300-33	DIODE RU-3AM	
D609	8-719-908-03	DIODE GP08D	
D610	8-719-908-03	DIODE GP08D	
D611	8-719-312-40	DIODE R2K	
D801	8-719-945-80	DIODE ERC06-15S	
D802	8-719-928-08	DIODE ERD28-08S	
D803	8-719-300-33	DIODE RU-3AM	
D805	8-719-300-33	DIODE RU-3AM	
D806	8-719-976-64	DIODE RGP02-17	
D807	8-719-300-33	DIODE RU-3AM	
D808	8-719-300-33	DIODE RU-3AM	
D809	8-719-400-18	DIODE MA152WK	
D820	8-719-911-19	DIODE 1SS119	
		<DELAY LINE>	
DL301	1-236-062-11	MODULE, Y DELAY LINE	
		<FUSE>	
F601 ⚠	1-576-231-21	FUSE (H.B.C.) 4A/250V	
	1-533-230-11	HOLDER, FUSE; F601	
	4-201-057-01	COVER, FUSE; F601	
		<IC>	
IC001	8-759-062-07	IC PCA84C840P/016	
IC002	8-759-043-86	IC ST24C02AB1	
IC003	8-741-139-80	IC BX-1398	
IC004	8-759-805-37	IC L78LR05D-MA	

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REF.NO.	PART NO.	DESCRIPTION	REMARK
IC005	8-759-157-40	DIODE UPC574J	
IC101	8-759-521-32	IC TDA3843-V3	
IC102	8-759-044-41	IC TDA3827/V3	
IC201	8-759-502-74	IC TDA7245	
IC301	8-759-084-91	IC TDA4661/V2	
IC302	8-759-512-04	IC TDA3505-V1	
IC331	8-759-521-22	IC TDA4650/V4	
IC501	8-759-113-13	IC UPC1498H	
	*4-389-343-11	SPRING; IC501	
IC502	8-759-515-72	IC TDA8304	
IC601	8-749-901-65	IC STR54041	
	*4-368-683-11	SPRING; IC601	
IC801	8-759-945-58	IC RC4558P	
IC802	8-759-604-39	IC M5F78M12L	
	*4-389-343-11	SPRING; IC802	
		<JACK>	
J401	1-561-534-00	SOCKET, PIN 21P	
		<COIL>	
L001	1-408-409-00	INDUCTOR 10UH	
L102	1-408-409-00	INDUCTOR 10UH	
L103	1-408-399-00	INDUCTOR 1.5UH	
L104	1-408-399-00	INDUCTOR 1.5UH	
L106	1-408-415-00	INDUCTOR 33UH	
L107	1-408-410-00	INDUCTOR 12UH	
L110	1-408-403-00	INDUCTOR 3.3UH	
L301	1-408-409-00	INDUCTOR 10UH	
L302	1-408-419-00	INDUCTOR 68UH	
L303	1-408-425-00	INDUCTOR 220UH	
L331	1-404-554-11	COIL	
L406	1-408-417-00	INDUCTOR 47UH	
L501	1-404-558-11	COIL	
L502	1-408-406-00	INDUCTOR 5.6UH	
L504	1-404-556-11	COIL	
L506	1-408-411-00	INDUCTOR 15UH	
L801	1-407-365-00	COIL,CHOKE	
L802	1-420-872-00	COIL, AIR CORE	
L804	1-459-390-00	COIL (WITH CORE)	
L805	1-459-105-21	COIL(WITH CORE)	
L806	1-459-652-12	HLC	
L807	1-408-239-00	INDUCTOR 4.7MMH	
L808	1-408-226-00	INDUCTOR 82UH	
		<VARIABLE COIL>	
LV301	1-404-554-11	COIL	
		<IC LINK>	
PS801 ⚠	1-532-637-00	LINK, IC (ICP-N25) 1A	
		<TRANSISTOR>	
Q001	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q003	8-729-901-01	TRANSISTOR DTC144EK	
Q004	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q005	8-729-923-54	TRANSISTOR DTA143TK	
Q006	8-729-922-66	TRANSISTOR 2SC2410SN	
Q007	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q015	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q016	8-729-901-47	TRANSISTOR DTA143EK	
Q017	8-729-216-22	TRANSISTOR 2SA1162G	
Q019	8-729-901-06	TRANSISTOR DTA144EK	
Q020	8-729-901-00	TRANSISTOR DTC124EK	
Q101	8-729-901-47	TRANSISTOR DTA143EK	
Q102	8-729-901-47	TRANSISTOR DTA143EK	
Q103	8-729-901-47	TRANSISTOR DTA143EK	
Q104	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q105	8-729-901-01	TRANSISTOR DTC144EK	
Q106	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q107	8-729-216-22	TRANSISTOR 2SA1162G	
Q108	8-729-907-06	TRANSISTOR BF199	
Q109	8-729-902-99	TRANSISTOR DTC114TK	
Q110	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q111	8-729-900-53	TRANSISTOR DTC114EK	
Q112	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q113	8-729-901-00	TRANSISTOR DTC124EK	
Q114	8-729-901-00	TRANSISTOR DTC124EK	
Q115	8-729-901-00	TRANSISTOR DTC124EK	
Q123	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q140	8-729-907-06	TRANSISTOR BF199	
Q141	8-729-014-99	TRANSISTOR BF959-AMMO	
Q302	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q303	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q304	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q305	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q307	8-729-216-22	TRANSISTOR 2SA1162G	
Q308	8-729-015-90	TRANSISTOR 2SD1383K	
Q310	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q311	8-729-216-22	TRANSISTOR 2SA1162G	
Q401	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q457	8-729-216-22	TRANSISTOR 2SA1162G	
Q501	8-729-901-00	TRANSISTOR DTC124EK	
Q502	8-729-901-05	TRANSISTOR DTA124EK	
Q503	8-729-901-01	TRANSISTOR DTC144EK	
Q504	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q505	8-729-216-22	TRANSISTOR 2SA1162G	
Q601	8-729-906-74	TRANSISTOR BC637-16	
Q801	8-729-119-80	TRANSISTOR 2SC2688-LK	
Q802	8-729-925-64	TRANSISTOR BU508AS2	
Q803	8-729-202-03	TRANSISTOR 2SD1408-Y	
		<RESISTOR>	
JR003	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR004	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR005	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR006	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR009	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR010	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR011	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR012	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR015	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR016	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR017	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR018	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR019	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR020	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR021	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR026	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR034	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR035	1-216-295-00	METAL GLAZE 0 5% 1/10W	

REF.NO.	PART NO.	DESCRIPTION			REMARK
JR036	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR037	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR038	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR039	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR050	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR051	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR052	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR060	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR099	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR101	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR102	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR103	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR104	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR105	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR106	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR107	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR108	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR109	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR110	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR111	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR117	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR118	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR119	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR123	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR125	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR126	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR127	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR128	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR129	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR130	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR131	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR133	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR134	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR135	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR136	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR137	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR139	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR140	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR141	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR144	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR147	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR148	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR149	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR150	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR155	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR181	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR182	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR183	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR184	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR186	1-216-296-00	METAL GLAZE	0	5%	1/8W
JRC138	1-216-295-00	METAL GLAZE	0	5%	1/10W
R001	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R002	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R003	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R004	1-216-083-00	METAL GLAZE	27K	5%	1/10W
R005	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W
R006	1-216-254-00	METAL GLAZE	220K	5%	1/8W
R007	1-216-190-00	METAL GLAZE	470	5%	1/8W
R008	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R009	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R010	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R011	1-216-035-00	METAL GLAZE	270	5%	1/10W
R012	1-216-248-00	METAL GLAZE	120K	5%	1/8W
R013	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R014	1-216-689-11	METAL GLAZE	39K	5%	1/10W
R015	1-216-230-00	METAL GLAZE	22K	5%	1/8W
R016	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R017	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R018	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R019	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R020	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R021	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R022	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R023	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R024	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R025	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R026	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R028	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R029	1-216-041-00	METAL GLAZE	470	5%	1/10W
R030	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R031	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R032	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R033	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R034	1-216-238-00	METAL GLAZE	47K	5%	1/8W
R035	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R038	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R040	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R041	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R042	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R043	1-215-900-11	METAL OXIDE	22K	5%	2W
R044	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R045	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R046	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R047	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R048	1-216-202-00	METAL GLAZE	1.5K	5%	1/8W
R049	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R050	1-216-250-00	METAL GLAZE	150K	5%	1/8W
R051	1-216-295-00	METAL GLAZE	0	5%	1/10W
R052	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R053	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R054	1-249-395-11	CARBON	15	5%	1/4W
R055	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R056	1-216-041-00	METAL GLAZE	470	5%	1/10W
R058	1-249-434-11	CARBON	27K	5%	1/4W
R059	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R060	1-216-234-00	METAL GLAZE	33K	5%	1/8W
R061	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R062	1-216-242-00	METAL GLAZE	68K	5%	1/8W
R064	1-216-095-00	METAL GLAZE	82K	5%	1/10W
R075	1-216-248-00	METAL GLAZE	120K	5%	1/8W
R076	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W
R077	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R078	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R079	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R081	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R082	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R083	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R084	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R086	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R087	1-216-027-00	METAL GLAZE	120	5%	1/10W

REF.NO.	PART NO.	DESCRIPTION			REMARK
R094	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R095	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R096	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R097	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R099	1-216-228-00	METAL GLAZE	18K	5%	1/8W
R100	1-216-017-00	METAL GLAZE	47	5%	1/10W
R101	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R102	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R103	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R104	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R105	1-216-109-00	METAL GLAZE	330K	5%	1/10W
R106	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R109	1-216-190-00	METAL GLAZE	470	5%	1/8W
R110	1-249-437-11	CARBON	47K	5%	1/4W
R111	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R112	1-249-411-11	CARBON	330	5%	1/4W
R113	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R114	1-216-238-00	METAL GLAZE	47K	5%	1/8W
R115	1-216-045-00	METAL GLAZE	680	5%	1/10W
R116	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R117	1-216-222-00	METAL GLAZE	10K	5%	1/8W
R118	1-216-035-00	METAL GLAZE	270	5%	1/10W
R119	1-216-045-00	METAL GLAZE	680	5%	1/10W
R120	1-216-043-00	METAL GLAZE	560	5%	1/10W
R121	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R122	1-216-043-00	METAL GLAZE	560	5%	1/10W
R123	1-216-033-00	METAL GLAZE	220	5%	1/10W
R124	1-216-041-00	METAL GLAZE	470	5%	1/10W
R125	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R126	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R128	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R129	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R130	1-249-409-11	CARBON	220	5%	1/4W
R131	1-216-041-00	METAL GLAZE	470	5%	1/10W
R132	1-216-037-00	METAL GLAZE	330	5%	1/10W
R134	1-216-117-00	METAL GLAZE	680K	5%	1/10W
R135	1-247-887-00	CARBON	220K	5%	1/4W
R136	1-216-041-00	METAL GLAZE	470	5%	1/10W
R138	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R139	1-216-295-00	METAL GLAZE	0	5%	1/10W
R140	1-216-037-00	METAL GLAZE	330	5%	1/10W
R141	1-216-021-00	METAL GLAZE	68	5%	1/10W
R142	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R143	1-216-033-00	METAL GLAZE	220	5%	1/10W
R144	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R145	1-216-031-00	METAL GLAZE	180	5%	1/10W
R146	1-216-033-00	METAL GLAZE	220	5%	1/10W
R147	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R148	1-216-017-00	METAL GLAZE	47	5%	1/10W
R149	1-216-182-00	METAL GLAZE	220	5%	1/8W
R151	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R152	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R153	1-215-867-00	METAL OXIDE	470	5%	1W
R154	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R155	1-216-250-00	METAL GLAZE	150K	5%	1/8W
R156	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R157	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R199	1-216-041-00	METAL GLAZE	470	5%	1/10W
R201	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R202	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W

REF.NO.	PART NO.	DESCRIPTION			REMARK
R203	1-216-298-00	METAL GLAZE	2.2	5%	1/10W
R204	1-247-741-11	CARBON	150	5%	1/2W
R205	1-216-083-00	METAL GLAZE	27K	5%	1/10W
R206	1-216-035-00	METAL GLAZE	270	5%	1/10W
R207	1-216-298-00	METAL GLAZE	2.2	5%	1/10W
R303	1-216-033-00	METAL GLAZE	220	5%	1/10W
R304	1-216-033-00	METAL GLAZE	220	5%	1/10W
R305	1-216-033-00	METAL GLAZE	220	5%	1/10W
R306	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R307	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R308	1-216-033-00	METAL GLAZE	220	5%	1/10W
R309	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W
R310	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R311	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R312	1-216-174-00	METAL GLAZE	100	5%	1/8W
R313	1-216-174-00	METAL GLAZE	100	5%	1/8W
R314	1-216-025-00	METAL GLAZE	100	5%	1/10W
R315	1-216-047-00	METAL GLAZE	820	5%	1/10W
R316	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R317	1-216-202-00	METAL GLAZE	1.5K	5%	1/8W
R320	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R321	1-216-023-00	METAL GLAZE	82	5%	1/10W
R322	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R323	1-216-192-00	METAL GLAZE	560	5%	1/8W
R324	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R325	1-249-410-11	CARBON	270	5%	1/4W
R326	1-216-035-00	METAL GLAZE	270	5%	1/10W
R327	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R328	1-216-001-00	METAL GLAZE	10	5%	1/10W
R329	1-216-109-00	METAL GLAZE	330K	5%	1/10W
R330	1-216-244-00	METAL GLAZE	82K	5%	1/8W
R331	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R332	1-216-270-00	METAL GLAZE	1M	5%	1/8W
R333	1-216-091-00	METAL GLAZE	56K	5%	1/10W
R334	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R335	1-216-001-00	METAL GLAZE	10	5%	1/10W
R336	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R337	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R338	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R341	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R342	1-216-041-00	METAL GLAZE	470	5%	1/10W
R346	1-216-037-00	METAL GLAZE	330	5%	1/10W
R347	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R348	1-216-033-00	METAL GLAZE	220	5%	1/10W
R349	1-216-029-00	METAL GLAZE	150	5%	1/10W
R350	1-216-041-00	METAL GLAZE	470	5%	1/10W
R351	1-216-043-00	METAL GLAZE	560	5%	1/10W
R352	1-216-039-00	METAL GLAZE	390	5%	1/10W
R353	1-249-438-11	CARBON	56K	5%	1/4W
R354	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R355	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R356	1-216-041-00	METAL GLAZE	470	5%	1/10W
R357	1-216-039-00	METAL GLAZE	390	5%	1/10W
R360	1-216-001-00	METAL GLAZE	10	5%	1/10W
R363	1-216-222-00	METAL GLAZE	10K	5%	1/8W
R364	1-216-222-00	METAL GLAZE	10K	5%	1/8W
R399	1-216-037-00	METAL GLAZE	330	5%	1/10W
R402	1-216-172-00	METAL GLAZE	82	5%	1/8W
R403	1-216-025-00	METAL GLAZE	100	5%	1/10W
R404	1-216-025-00	METAL GLAZE	100	5%	1/10W

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

REF.NO.	PART NO.	DESCRIPTION			REMARK
R405	1-216-025-00	METAL GLAZE	100	5%	1/10W
R406	1-216-226-00	METAL GLAZE	15K	5%	1/8W
R407	1-216-226-00	METAL GLAZE	15K	5%	1/8W
R408	1-216-091-00	METAL GLAZE	56K	5%	1/10W
R409	1-216-021-00	METAL GLAZE	68	5%	1/10W
R411	1-216-295-00	METAL GLAZE	0	5%	1/10W
R412	1-216-295-00	METAL GLAZE	0	5%	1/10W
R413	1-216-295-00	METAL GLAZE	0	5%	1/10W
R414	1-216-041-00	METAL GLAZE	470	5%	1/10W
R420	1-216-182-00	METAL GLAZE	220	5%	1/8W
R423	1-216-095-00	METAL GLAZE	82K	5%	1/10W
R424	1-216-222-00	METAL GLAZE	10K	5%	1/8W
R425	1-216-033-00	METAL GLAZE	220	5%	1/10W
R426	1-216-045-00	METAL GLAZE	680	5%	1/10W
R427	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R428	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R430	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R432	1-249-403-11	CARBON	68	5%	1/4W
R433	1-216-083-00	METAL GLAZE	27K	5%	1/10W
R434	1-216-029-00	METAL GLAZE	150	5%	1/10W
R435	1-216-033-00	METAL GLAZE	220	5%	1/10W
R436	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R437	1-216-101-00	METAL GLAZE	150K	5%	1/10W
R501	1-216-214-00	METAL GLAZE	4.7K	5%	1/8W
R502	1-247-743-11	CARBON	220	5%	1/2W
R503	1-249-437-11	CARBON	47K	5%	1/4W
R504	1-216-017-00	METAL GLAZE	47	5%	1/10W
R505	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R507	1-216-350-11	METAL OXIDE	1.2	5%	1W F
R508	1-215-867-00	METAL OXIDE	470	5%	1W
R509	1-216-294-00	METAL GLAZE	10M	5%	1/8W
R510	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R511	1-216-244-00	METAL GLAZE	82K	5%	1/8W
R512	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R513	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R514	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R515	1-216-683-11	METAL CHIP	22K	0.50%	1/10W
R516	1-216-095-00	METAL GLAZE	82K	5%	1/10W
R517	1-216-027-00	METAL GLAZE	120	5%	1/10W
R518	1-216-033-00	METAL GLAZE	220	5%	1/10W
R519	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R520	1-216-258-00	METAL GLAZE	330K	5%	1/8W
R521	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R522	1-215-863-11	METAL OXIDE	100	5%	1W
R523	1-247-754-11	CARBON	1.5K	5%	1/2W
R524	1-216-099-00	METAL GLAZE	120K	5%	1/10W
R525	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R526	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R527	1-215-869-11	METAL OXIDE	1K	5%	1W
R528	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R529	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R530	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R532	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R533	1-216-133-00	METAL GLAZE	3.3M	5%	1/10W
R534	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R535	1-216-107-00	METAL GLAZE	270K	5%	1/10W
R538	1-216-025-00	METAL GLAZE	100	5%	1/10W
R539	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R542	1-216-025-00	METAL GLAZE	100	5%	1/10W

REF.NO.	PART NO.	DESCRIPTION			REMARK
R543	1-249-408-11	CARBON	180	5%	1/4W
R545	1-216-286-00	METAL GLAZE	4.7M	5%	1/8W
R548	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R601 ⚠	1-205-909-11	WIREWOUND	3.3	5%	10W
R602	1-214-923-00	CARBON	270K	5%	1/2W
R603	1-215-903-11	METAL OXIDE	68K	5%	2W
R604	1-247-752-11	CARBON	1K	5%	1/2W
R606	1-212-877-11	FUSIBLE	68	5%	1/4W
R607	1-249-430-11	CARBON	12K	5%	1/4W
R608	1-215-884-11	METAL OXIDE	47	5%	2W
R609	1-207-905-00	WIREWOUND	0.27	10%	2W
R611	1-214-915-00	CARBON	120K	5%	1/2W
R612	1-219-137-11	FUSIBLE	0.33	5%	1/4W
R613	1-217-811-11	FUSIBLE	0.47	5%	1/4W
R614	1-216-037-00	METAL GLAZE	330	5%	1/10W
R615	1-216-013-00	METAL GLAZE	33	5%	1/10W
R617	1-216-354-11	METAL OXIDE	2.7	5%	1W F
R620	1-216-465-11	METAL OXIDE	27K	5%	2W
R621	1-216-465-11	METAL OXIDE	27K	5%	2W
R628	1-218-265-11	METAL GLAZE	8.2M	5%	1W
R801	1-217-778-11	FUSIBLE	1K	5%	1W F
R802	1-217-819-11	FUSIBLE	2.7K	5%	1/4W
R803	1-216-352-11	METAL OXIDE	1.8	5%	1W F
R804	1-216-013-00	METAL GLAZE	33	5%	1/10W
R805	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R806	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R807	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R808	1-216-091-00	METAL GLAZE	56K	5%	1/10W
R809	1-216-689-11	METAL GLAZE	39K	5%	1/10W
R810	1-216-109-00	METAL GLAZE	330K	5%	1/10W
R811	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R812	1-217-778-11	FUSIBLE	1K	5%	1W F
R813	1-212-877-11	FUSIBLE	68	5%	1/4W
R814	1-215-868-00	METAL OXIDE	680	5%	1W F
R816	1-247-883-00	CARBON	150K	5%	1/4W
R817	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R818	1-202-830-00	SOLID	10K	10%	1/2W
R819	1-249-448-11	CARBON	1.2	5%	1/4W F
R820	1-217-811-11	FUSIBLE	0.47	5%	1/4W
R821	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R822	1-216-204-00	METAL GLAZE	1.8K	5%	1/8W
R823	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R826	1-216-025-00	METAL GLAZE	100	5%	1/10W
R827	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R830	1-216-192-00	METAL GLAZE	560	5%	1/8W
R850	1-215-882-00	METAL OXIDE	22	5%	2W F

<VARIABLE RESISTOR>

RV001	1-241-627-11	RES, ADJ, CARBON 1K
RV331	1-241-627-11	RES, ADJ, CARBON 1K
RV501	1-241-630-11	RES, ADJ, CARBON 10K
RV502	1-226-703-11	RES, ADJ, METAL GLAZE 10K
RV503	1-238-019-11	RES, ADJ, CARBON 47K
RV504	1-238-019-11	RES, ADJ, CARBON 47K
RV505	1-238-009-11	RES, ADJ, CARBON 220
RV801	1-241-629-11	RES, ADJ, CARBON 4.7K
RV802	1-238-019-11	RES, ADJ, CARBON 47K

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REF.NO.		PART NO.	DESCRIPTION			REMARK
			<SWITCH>			
S001		1-571-532-21	SWITCH, TACTIL			
S002		1-571-532-21	SWITCH, TACTIL			
S003		1-571-532-21	SWITCH, TACTIL			
S601	⚠	1-571-433-11	SWITCH, PUSH (AC POWER)			
			<SPARK GAP>			
SG801		1-519-422-11	GAP, SPARK			
			<TRANSFORMER>			
T601	⚠	1-449-275-21	S.R.T			
T604	⚠	1-424-078-11	TRANSFORMER, TRIGGER PULSE			
T605	⚠	1-421-862-11	LFT			
T801		1-437-090-00	HDT			
T802	⚠	1-439-493-11	TRANSFORMER ASSY, FLYBACK (UX-1650)			
			<THERMISTOR>			
THP601	⚠	1-808-059-31	THERMISTOR, POSITIVE			
			<TUNER>			
TU101		1-693-081-11	TUNER (BT-RC 421)			
			<CRYSTAL>			
X001		1-577-619-11	VIBRATOR, CRYSTAL			
X332		1-567-131-00	OSCILLATOR, CRYSTAL			
**********						
		*A-1632-140-A	A BOARD, COMPLETE (KV-M2100A)			
			**********			
		*A-1632-141-A	A BOARD, COMPLETE (KV-M2100E)			
			**********			
		*A-1632-122-A	A BOARD, COMPLETE (KV-M2101U)			
			**********			
		4-200-399-01	SPACER , IC			
TP15		*1-535-084-00	1P TERMINAL PIN			
			<CAPACITOR>			
C001		1-126-101-11	ELECT	100MF	20%	16V
C002		1-106-220-00	MYLAR	0.1MF	10%	100V
C003		1-163-031-11	CERAMIC CHIP	0.01MF		50V
C004		1-123-382-00	ELECT	3.3MF	20%	50V
C005		1-126-103-11	ELECT	470MF	20%	16V
C006		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C007		1-124-907-11	ELECT	10MF	20%	50V
C009		1-124-907-11	ELECT	10MF	20%	50V
C010		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C012		1-126-233-11	ELECT	22MF	20%	50V
C018		1-163-031-11	CERAMIC CHIP	0.01MF		50V
C020		1-124-903-11	ELECT	1MF	20%	50V
C021		1-124-907-11	ELECT	10MF	20%	50V
C023		1-124-907-11	ELECT	10MF	20%	50V
C024		1-124-907-11	ELECT	10MF	20%	50V
C025		1-124-916-11	ELECT	22MF	20%	50V
C026		1-124-903-11	ELECT	1MF	20%	50V
C030		1-124-903-11	ELECT	1MF	20%	50V
C037		1-163-034-00	CERAMIC CHIP	0.033MF		50V
C038		1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V

REF.NO.	PART NO.	DESCRIPTION			REMARK
C039	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C041	1-124-478-11	ELECT	100MF	20%	25V
C055	1-163-075-00	CERAMIC CHIP	0.047MF		50V
C058	1-162-623-11	CERAMIC CHIP	0.1MF	10%	25V
C059	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C062	1-126-101-11	ELECT	100MF	20%	16V
C063	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C101	1-124-477-11	ELECT	47MF	20%	16V
C102	1-124-910-11	ELECT	47MF	20%	50V
C103	1-163-105-00	CERAMIC CHIP	33PF	5%	50V
C104	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C105	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C106	1-163-031-11	CERAMIC CHIP	0.01MF		50V (KV-M2100A ONLY)
C107	1-124-477-11	ELECT	47MF	20%	16V
C112	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C114	1-163-109-00	CERAMIC CHIP	47PF	5%	50V
C115	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C120	1-163-173-00	CERAMIC CHIP	47PF	5%	50V
C123	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C125	1-124-917-11	ELECT	33MF	20%	50V
C128	1-163-025-11	CERAMIC CHIP	0.001MF		50V
C130	1-136-171-00	FILM	0.33MF	5%	50V
C131	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C132	1-163-029-11	CERAMIC CHIP	0.0047MF		50V
C133	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C134	1-136-562-11	MYLAR	0.0082MF	10%	400V
C135	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C136	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C138	1-216-295-00	METAL GLAZE	0	5%	1/10W
C139	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C140	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C141	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C142	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C143	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C144	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C145	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V (KV-M2100A/KV-M2100E ONLY)
C146	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V (KV-M2100A/KV-M2100E ONLY)
C147	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V (KV-M2100A/KV-M2100E ONLY)
C148	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C149	1-126-101-11	ELECT	100MF	20%	16V (KV-M2100A/KV-M2101U ONLY)
C151	1-124-907-11	ELECT	10MF	20%	50V
C154	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C157	1-124-927-11	ELECT	4.7MF	20%	50V
C160	1-163-117-00	CERAMIC CHIP	100PF	5%	50V (KV-M2101U ONLY)
C161	1-163-129-00	CERAMIC CHIP	330PF	5%	50V (KV-M2101U ONLY)
C163	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C201	1-124-916-11	ELECT	22MF	20%	50V
C202	1-124-925-11	ELECT	2.2MF	20%	50V
C203	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C204	1-124-480-11	ELECT	470MF	20%	25V
C206	1-163-011-11	CERAMIC CHIP	0.0015MF	10%	50V
C207	1-124-925-11	ELECT	2.2MF	20%	50V
C208	1-126-104-11	ELECT	470MF	20%	35V
C209	1-124-910-11	ELECT	47MF	20%	50V

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REF.NO.	PART NO.	DESCRIPTION			REMARK
C210	1-106-228-00	MYLAR	0.22MF	10%	100V
C302	1-163-059-00	CERAMIC CHIP	0.01MF		50V
C303	1-163-059-00	CERAMIC CHIP	0.01MF		50V
C304	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C305	1-124-910-11	ELECT	47MF	20%	50V
C306	1-106-220-00	MYLAR	0.1MF	10%	100V
C307	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C308	1-124-910-11	ELECT	47MF	20%	50V
C309	1-163-099-00	CERAMIC CHIP	18PF	5%	50V
C314	1-163-103-00	CERAMIC CHIP	27PF	5%	50V
C316	1-163-377-11	CERAMIC CHIP	100PF	5%	50V
C317	1-163-093-00	CERAMIC CHIP	10PF	5%	50V
C318	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C319	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C321	1-163-038-00	CERAMIC CHIP	0.1MF		25V
C323	1-163-055-00	CERAMIC CHIP	0.0047MF	10%	50V
C329	1-131-367-00	TANTALUM	22MF	10%	16V
C330	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C331	1-124-927-11	ELECT	4.7MF	20%	50V
C332	1-130-783-00	MYLAR	0.33MF	10%	100V
C333	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C334	1-163-063-00	CERAMIC CHIP	0.022MF	10%	50V
C335	1-163-063-00	CERAMIC CHIP	0.022MF	10%	50V
C337	1-130-834-00	MYLAR	1MF	10%	63V
C340	1-162-568-11	CERAMIC CHIP	0.33MF	10%	16V
C341	1-130-783-00	MYLAR	0.33MF	10%	100V
C343	1-130-785-11	MYLAR	0.47MF	10%	100V
C344	1-106-383-00	MYLAR	0.047MF	10%	100V
C346	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C347	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C348	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C349	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C352	1-106-375-12	MYLAR	0.022MF	10%	250V
C353	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C354	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C355	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C357	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C358	1-124-556-11	ELECT	2200MF	20%	16V
C360	1-124-903-11	ELECT	1MF	20%	50V
C362	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
				(KV-M2101U	ONLY)
C367	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C370	1-124-916-11	ELECT	22MF	20%	50V
C401	1-124-910-11	ELECT	47MF	20%	50V
C403	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C404	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C429	1-163-197-00	CERAMIC CHIP	470PF	10%	50V
				(KV-M2100E	ONLY)
C430	1-164-336-11	CERAMIC CHIP	0.33MF		25V
C431	1-124-910-11	ELECT	47MF	20%	50V
C432	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C433	1-124-916-11	ELECT	22MF	20%	25V
C434	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C475	1-124-916-11	ELECT	22MF	20%	50V
C476	1-108-702-11	MYLAR	0.068MF	10%	100V
C490	1-124-910-11	ELECT	47MF	20%	50V
C499	1-163-205-00	CERAMIC CHIP	0.001MF	10%	50V
C501	1-163-181-00	CERAMIC CHIP	100PF	5%	50V
C502	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C503	1-163-181-00	CERAMIC CHIP	100PF	5%	50V

REF.NO.		PART NO.	DESCRIPTION			REMARK
C504		1-124-122-11	ELECT	100MF	20%	50V
C505		1-124-916-11	ELECT	22MF	20%	50V
C506		1-106-228-00	MYLAR	0.22MF	10%	100V
C507		1-124-557-11	ELECT	1000MF	20%	25V
C508		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C509		1-162-568-11	CERAMIC CHIP	0.33MF	10%	16V
C510		1-163-081-00	CERAMIC CHIP	0.22MF		25V
C511		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C512		1-108-702-11	MYLAR	0.068MF	10%	100V
C513		1-124-927-11	ELECT	4.7MF	20%	50V
C514		1-136-298-00	FILM	0.0033MF	5%	100V
C515		1-163-035-00	CERAMIC CHIP	0.047MF		50V
C516		1-163-113-00	CERAMIC CHIP	68PF	5%	50V
C517		1-163-033-00	CERAMIC CHIP	0.022MF		50V
C520		1-163-033-00	CERAMIC CHIP	0.022MF		50V
C521		1-131-377-00	TANTALUM	10MF	10%	10V
C524		1-106-228-00	MYLAR	0.22MF	10%	100V
C525		1-108-702-11	MYLAR	0.068MF	10%	100V
C526		1-124-910-11	ELECT	47MF	20%	50V
C527		1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
					(KV-M2100A	ONLY)
		1-163-017-00	CERAMIC CHIP	0.0047	10%	50V
				(KV-M2100E/KV-M2101U		ONLY)
C529		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C530		1-163-197-00	CERAMIC CHIP	470PF	5%	50V
C531		1-163-113-00	CERAMIC CHIP	68PF	5%	50V
				(KV-M2100A/KV-M2100E		ONLY)
C532		1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C536		1-124-927-11	ELECT	4.7MF	20%	50V
C537		1-163-038-00	CERAMIC CHIP	0.1MF		25V
C540		1-163-111-00	CERAMIC CHIP	56PF	5%	50V
C601	⚠	1-161-964-61	CERAMIC	0.0047MF		250V
C602	⚠	1-161-964-61	CERAMIC	0.0047MF		250V
C603		1-162-599-12	CERAMIC	0.0047MF		250V
C604		1-125-318-00	ELECT(BLOCK)	220MF	20%	400V
C605		1-161-754-00	CERAMIC	0.001MF	10%	2KV
C606		1-104-728-11	FILM	0.047MF	10%	630V
C607		1-106-367-00	MYLAR	0.01MF	10%	400V
C608		1-161-753-00	CERAMIC	470PF	10%	3KV
C609		1-124-347-00	ELECT	100MF	20%	160V
C610		1-124-557-11	ELECT	1000MF	20%	25V
C612		1-102-228-00	CERAMIC	470PF	10%	500V
C614		1-126-101-11	ELECT	100MF	20%	16V
C618		1-124-916-11	ELECT	22MF	20%	50V
C621	⚠	1-136-879-11	FILM	0.68MF	20%	300V
					(KV-M2100A	ONLY)
	⚠	1-136-517-11	FILM	0.22MF	20%	300V
				(KV-M2100E/KV-M2101U		ONLY)
C623	⚠	1-164-246-61	CERAMIC	0.0022MF	20%	400V
C625	⚠	1-136-879-11	FILM	0.68MF	20%	300V
					(KV-M2100A	ONLY)
	⚠	1-136-517-11	FILM	0.22MF	20%	300V
					(KV-M2100E	ONLY)
C626	⚠	1-163-161-00	CERAMIC CHIP	15PF	5%	50V
					(KV-M2100E	ONLY)
C627	⚠	1-163-161-00	CERAMIC CHIP	15PF	5%	50V
					(KV-M2100E	ONLY)
C631		1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C632		1-162-599-12	CERAMIC	0.0047MF		250V
				(KV-M2100A/KV-M2101U		ONLY)
C633		1-161-742-00	CERAMIC	0.0022MF	20%	400V

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REF.NO.	PART NO.	DESCRIPTION	REMARK
C698	1-162-115-00	CERAMIC 330PF 10% 2KV	(KV-M2100A ONLY)
C801	1-101-821-00	CERAMIC 0.0022MF	500V
C802	1-102-244-00	CERAMIC 220PF 10%	500V
C804	1-126-101-11	ELECT 100MF 20%	16V
C805	1-136-080-00	FILM 0.011MF 3%	2KV
C806	1-136-187-11	FILM 0.047MF 10%	250V
C807	1-161-754-00	CERAMIC 0.001MF 10%	2KV
C808	1-136-933-11	FILM 1MF 5%	100V
C809	1-102-212-00	CERAMIC 820PF 10%	500V
C811	1-136-540-11	FILM 0.82MF 5%	160V
C812	1-124-634-11	ELECT 1MF 20%	250V
C813	1-163-009-11	CERAMIC CHIP 0.001MF 10%	50V
C814	1-126-542-11	ELECT 4.7MF 20%	160V
C815	1-124-916-11	ELECT 22MF 20%	50V
C816	1-102-228-00	CERAMIC 470PF 10%	500V
C817	1-123-948-00	ELECT 22MF 20%	250V
C818	1-106-375-12	MYLAR 0.022MF 10%	250V
C819	1-162-114-00	CERAMIC 0.0047MF	2KV
C820	1-162-318-11	CERAMIC 0.001MF 10%	500V
C821	1-126-101-11	ELECT 100MF 20%	16V
C822	1-162-318-11	CERAMIC 0.001MF 10%	500V
C823	1-126-233-11	ELECT 22MF 20%	50V
C824	1-124-913-11	ELECT 470MF 20%	50V
C825	1-136-204-11	MYLAR 0.015MF 10%	400V
C840	1-124-902-00	ELECT 0.47MF 20%	50V
C850	1-126-101-11	ELECT 100MF 20%	16V (KV-M2100A/KV-M2101U ONLY)
		<FILTER>	
CD101	1-579-110-11	DISCRIMINATOR, CERAMIC	(KV-M2100A/KV-M2100E ONLY)
	1-579-109-11	DISCRIMINATOR, CERAMIC	(KV-M2101U ONLY)
CF501	1-404-801-11	TRAP, CERAMIC	
SWF101	1-579-120-11	FILTER, SURFACE WAVE	
XF501	1-527-840-00	FILTER, CERAMIC	(KV-M2100A/KV-M2100E ONLY)
	1-567-569-11	FILTER, CERAMIC	(KV-M2101U ONLY)
		<CONNECTOR>	
CNA21	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)	
CNA22	*1-568-878-51	PIN, CONNECTOR 3P	
CNA42	*1-565-394-11	PIN, BOARD TO BOARD CONNECTOR	
CNA43	*1-565-394-11	PIN, BOARD TO BOARD CONNECTOR	
CNA61 ⚠	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P	
CNA62 ⚠	*1-580-844-11	PIN, CONNECTOR (POWER)	
CNA63	*1-508-786-00	PIN, CONNECTOR (5MM PITCH) 2P	
CNA64	*1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P	
CNA81	*1-508-768-00	PIN, CONNECTOR (5MM PITCH) 6P	
CNA82	*1-580-798-11	CONNECTOR PIN (DY) 6P	
		<TRIMMER>	
CT332	1-141-418-11	CAP, ADJ	
		<DIODE>	
D002	8-719-920-55	DIODE SPR-54MVW	
	*4-200-407-01	HOLDER, LED D002	
D004	8-719-104-34	DIODE 1S2836	
D007	8-719-400-18	DIODE MA152WK	
D008	8-719-105-82	DIODE RD5.1M-B2	
D009	8-719-105-82	DIODE RD5.1M-B2	
D011	8-719-911-19	DIODE 1SS119	
D020	8-719-911-19	DIODE 1SS119	
D101	8-719-110-03	DIODE RD7.5ESB2	(KV-M2100A/KV-M2100E ONLY)
D102	8-719-110-03	DIODE RD7.5ESB2	(KV-M2100A/KV-M2100E ONLY)
D103	8-719-110-03	DIODE RD7.5ESB2	(KV-M2100A/KV-M2100E ONLY)
D104	8-719-400-18	DIODE MA152WK	(KV-M2100A ONLY)
D110	8-719-109-85	DIODE RD5.1ESB2	
D301	8-719-104-34	DIODE 1S2836	
D302	8-719-800-76	DIODE 1SS226	
D303	8-719-104-34	DIODE 1S2836	
D305	8-719-800-76	DIODE 1SS226	
D306	8-719-400-18	DIODE MA152WK	
D313	8-719-800-76	DIODE 1SS226	
D321	8-719-109-89	DIODE RD5.6ESB2	
D324	8-719-104-34	DIODE 1S2836	
D334	8-719-104-34	DIODE 1S2836	
D402	8-719-109-97	DIODE RD6.8ESB2	
D403	8-719-109-97	DIODE RD6.8ESB2	
D404	8-719-109-97	DIODE RD6.8ESB2	
D405	8-719-110-09	DIODE RD8.2ESB3	
D406	8-719-110-09	DIODE RD8.2ESB3	
D411	8-719-109-97	DIODE RD6.8ESB2	
D412	8-719-010-34	DIODE UZ-4.7BSC	
D417	8-719-104-34	DIODE 1S2836	
D418	8-719-104-34	DIODE 1S2836	
D426	8-719-911-19	DIODE 1SS119	
D427	8-719-911-19	DIODE 1SS119	
D450	8-719-109-97	DIODE RD6.8ESB2	
D501	8-719-300-33	DIODE RU-3AM	
D503	8-719-911-19	DIODE 1SS119	
D504	8-719-400-18	DIODE MA152WK	
D519	8-719-400-18	DIODE MA152WK	
D601	8-719-311-72	DIODE RBV-406H-01	
D602	8-719-976-64	DIODE RGP02-17	
D603	8-719-908-03	DIODE GP08D	
D604	8-719-928-08	DIODE ERD28-08S	(KV-M2100A/KV-M2101U ONLY)
D605	8-719-300-33	DIODE RU-3AM	
D606	8-719-980-78	DIODE ERA83-006	
D607	8-719-300-33	DIODE RU-3AM	
D608	8-719-300-33	DIODE RU-3AM	
D609	8-719-908-03	DIODE GP08D	
D610	8-719-908-03	DIODE GP08D	
D611	8-719-312-40	DIODE R2K	
D801	8-719-945-80	DIODE ERC06-15S	
D802	8-719-928-08	DIODE ERD28-08S	(KV-M2100A/KV-M2101U ONLY)
D803	8-719-300-33	DIODE RU-3AM	
D805	8-719-300-33	DIODE RU-3AM	
D806	8-719-976-64	DIODE RGP02-17	
D807	8-719-300-33	DIODE RU-3AM	
D808	8-719-300-33	DIODE RU-3AM	
D809	8-719-400-18	DIODE MA152WK	
D820	8-719-911-19	DIODE 1SS119	

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REF.NO.		PART NO.	DESCRIPTION	REMARK
			<DELAY LINE>	
DL301		1-236-062-11	MODULE, Y DELAY LINE	
			<FUSE>	
F601	⚠	1-576-231-21	FUSE (H.B.C.) 4A/250V	
		4-201-057-01	COVER, FUSE F601	
		1-533-230-11	HOLDER, FUSE F601	
			<IC>	
IC001		8-759-062-07	IC PCA84C840P/016	
IC002		8-759-043-86	IC ST24C02AB1	
IC003		8-741-139-80	IC BX-1398	
IC004		8-759-805-37	IC L78LR05D-MA	
IC005		8-759-157-40	DIODE UPC574J	
IC102		8-759-044-41	IC TDA3827/V3	
IC201		8-759-502-74	IC TDA7245	
IC301		8-759-505-39	IC TDA4660/V2	
IC302		8-759-512-04	IC TDA3505-V1	
IC331		8-759-513-46	IC TDA4510/V8	
IC501		8-759-113-13	IC UPC1498H	
		*4-389-343-11	SPRING; IC501	
IC502		8-759-515-72	IC TDA8304	
IC601		8-749-901-65	IC STR54041	
		*4-368-683-11	SPRING; IC601	
IC801		8-759-945-58	IC RC4558P	
IC802		8-759-604-39	IC M5F78M12L	
		*4-389-343-11	SPRING; IC802	
			<JACK>	
J401		1-561-534-00	SOCKET, PIN 21P	
			<COIL>	
L001		1-408-409-00	INDUCTOR 10UH	
L102		1-408-409-00	INDUCTOR 10UH	
L103		1-408-399-00	INDUCTOR 1.5UH	
L105		1-410-872-21	INDUCTOR 10UH	(KV-M2100A ONLY)
L106		1-408-415-00	INDUCTOR 33UH	
L107		1-408-410-00	INDUCTOR 12UH	
L110		1-408-409-00	INDUCTOR 10UH	(KV-M2101U ONLY)
L301		1-408-409-00	INDUCTOR 10UH	
L302		1-408-419-00	INDUCTOR 68UH	
L303		1-408-425-00	INDUCTOR 220UH	
L406		1-408-417-00	INDUCTOR 47UH	
L501		1-404-493-00	COIL	
L502		1-408-407-00	INDUCTOR 6.8UH	
L506		1-408-411-00	INDUCTOR 15UH	
L801		1-407-365-00	COIL,CHOKE	
L802		1-420-872-00	COIL,AIR CORE	
L804		1-459-390-00	COIL(WITH CORE)	
L805		1-459-105-21	COIL(WITH CORE)	
L806		1-459-652-12	HLC	
L807		1-408-239-00	INDUCTOR 4.7MMH	
L808		1-408-226-00	INDUCTOR 82UH	
			<IC LINK>	
PS801	⚠	1-532-637-00	LINK, IC (ICP-N25) 1A	

REF.NO.	PART NO.	DESCRIPTION	REMARK
		<TRANSISTOR>	
Q001	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q003	8-729-901-01	TRANSISTOR DTC144EK	
Q004	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q005	8-729-923-54	TRANSISTOR DTA143TK	
Q006	8-729-922-66	TRANSISTOR 2SC2410SN	
Q007	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q015	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q016	8-729-901-47	TRANSISTOR DTA143EK	
Q017	8-729-216-22	TRANSISTOR 2SA1162G	
Q019	8-729-901-06	TRANSISTOR DTA144EK	
Q020	8-729-901-00	TRANSISTOR DTC124EK	
Q101	8-729-901-47	TRANSISTOR DTA143EK	(KV-M2100A/KV-M2100E ONLY)
Q102	8-729-901-47	TRANSISTOR DTA143EK	(KV-M2100A/KV-M2100E ONLY)
Q103	8-729-901-47	TRANSISTOR DTA143EK	(KV-M2100A/KV-M2100E ONLY)
Q104	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q106	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q107	8-729-216-22	TRANSISTOR 2SA1162G	
Q112	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q114	8-729-901-00	TRANSISTOR DTC124EK	
Q115	8-729-901-00	TRANSISTOR DTC124EK	
Q123	8-729-230-49	TRANSISTOR 2SC2712-YG	(KV-M2101U ONLY)
Q141	8-729-014-99	TRANSISTOR BF959-AMMO	
Q302	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q304	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q305	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q307	8-729-216-22	TRANSISTOR 2SA1162G	
Q310	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q311	8-729-216-22	TRANSISTOR 2SA1162G	
Q401	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q457	8-729-216-22	TRANSISTOR 2SA1162G	
Q504	8-729-422-27	TRANSISTOR 2SD601A-Q	
Q505	8-729-216-22	TRANSISTOR 2SA1162G	
Q601	8-729-906-74	TRANSISTOR BC637-16	
Q801	8-729-119-80	TRANSISTOR 2SC2688-LK	
Q802	8-729-925-64	TRANSISTOR BU508AS2	
Q803	8-729-202-03	TRANSISTOR 2SD1761-E	
		<RESISTOR>	
JR45	1-216-295-00	METAL GLAZE 0 5% 1/10W	(KV-M2100A/KV-M2100E ONLY)
JR50	1-216-295-00	METAL GLAZE 0 5% 1/10W	(KV-M2100A/KV-M2100E ONLY)
JR003	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR004	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR005	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR006	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR007	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR008	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR009	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR010	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR011	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR012	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR015	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR016	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR017	1-216-295-00	METAL GLAZE 0 5% 1/10W	

REF.NO.	PART NO.	DESCRIPTION				REMARK
JR018	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR019	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR020	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR021	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR022	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR023	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR024	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR029	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR030	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR033	1-216-295-00	METAL GLAZE	0	5%	1/10W	(KV-M2101U ONLY)
JR034	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR036	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR037	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR038	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR039	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR040	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR041	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR042	1-216-295-00	METAL GLAZE	0	5%	1/10W	(KV-M2100A/KV-M2101U ONLY)
JR044	1-216-295-00	METAL GLAZE	0	5%	1/10W	(KV-M2100A/KV-M2101U ONLY)
JR051	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR052	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR053	1-216-295-00	METAL GLAZE	0	5%	1/10W	(KV-M2101U ONLY)
JR060	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR099	1-216-295-00	METAL GLAZE	0	5%	1/10W	
JR101	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR102	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR103	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR104	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR105	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR106	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR108	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR109	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR110	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR111	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR117	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR118	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR119	1-216-296-00	METAL GLAZE	0	5%	1/8W	(KV-M2100A/KV-M2100E ONLY)
JR123	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR125	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR126	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR127	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR128	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR129	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR130	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR131	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR133	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR134	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR135	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR136	1-216-296-00	METAL GLAZE	0	5%	1/8W	(KV-M2100A/KV-M2100E ONLY)
JR137	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR139	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR140	1-216-296-00	METAL GLAZE	0	5%	1/8W	(KV-M2100A/KV-M2101U ONLY)
JR144	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR147	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR148	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR149	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR150	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR151	1-216-296-00	METAL GLAZE	0	5%	1/8W	(KV-M2100A ONLY)
JR152	1-216-296-00	METAL GLAZE	0	5%	1/8W	(KV-M2100A ONLY)
JR153	1-216-296-00	METAL GLAZE	0	5%	1/8W	(KV-M2100A ONLY)
JR155	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR181	1-216-296-00	METAL GLAZE	0	5%	1/8W	(KV-M2100A/KV-M2101U ONLY)
JR182	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR183	1-216-296-00	METAL GLAZE	0	5%	1/8W	
JR184	1-216-296-00	METAL GLAZE	0	5%	1/8W	
R001	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	
R002	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R003	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R004	1-216-083-00	METAL GLAZE	27K	5%	1/10W	
R005	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W	(KV-M2100A/KV-M2100E ONLY)
R006	1-216-254-00	METAL GLAZE	220K	5%	1/8W	
R007	1-216-190-00	METAL GLAZE	470	5%	1/8W	
R008	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R009	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R010	1-216-198-00	METAL GLAZE	1K	5%	1/8W	
R011	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R012	1-216-248-00	METAL GLAZE	120K	5%	1/8W	
R013	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R014	1-216-689-11	METAL GLAZE	39K	5%	1/10W	
R015	1-216-230-00	METAL GLAZE	22K	5%	1/8W	
R016	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R017	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R018	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R019	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R020	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R021	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R022	1-216-198-00	METAL GLAZE	1K	5%	1/8W	
R023	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	
R024	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R025	1-216-097-00	METAL GLAZE	100K	5%	1/10W	
R026	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R028	1-216-085-00	METAL GLAZE	33K	5%	1/10W	
R029	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R030	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R031	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R032	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	(KV-M2100A/KV-M2100E ONLY)
R033	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	(KV-M2100A/KV-M2100E ONLY)
R034	1-216-238-00	METAL GLAZE	47K	5%	1/8W	
R035	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R038	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R040	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R041	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R042	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R043	1-215-900-11	METAL OXIDE	22K	5%	2W	
R044	1-216-105-00	METAL GLAZE	220K	5%	1/10W	
R045	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R046	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R047	1-216-079-00	METAL GLAZE	18K	5%	1/10W	
R048	1-216-202-00	METAL GLAZE	1.5K	5%	1/8W	
R049	1-216-073-00	METAL GLAZE	10K	5%	1/10W	

REF.NO.	PART NO.	DESCRIPTION			REMARK
R050	1-216-250-00	METAL GLAZE	150K	5%	1/8W
R051	1-216-295-00	METAL GLAZE	0	5%	1/10W
R052	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R053	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R054	1-249-395-11	CARBON	15	5%	1/4W
R055	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R056	1-216-041-00	METAL GLAZE	470	5%	1/10W
R058	1-249-434-11	CARBON	27K	5%	1/4W
R059	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R060	1-216-234-00	METAL GLAZE	33K	5%	1/8W
R061	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R062	1-216-242-00	METAL GLAZE	68K	5%	1/8W
R064	1-216-095-00	METAL GLAZE	82K	5%	1/10W
R075	1-216-248-00	METAL GLAZE	120K	5%	1/8W
R076	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R077	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R078	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R079	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R081	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R082	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R083	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R084	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R087	1-216-027-00	METAL GLAZE	120	5%	1/10W
R094	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R095	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R096	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R097	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R099	1-216-228-00	METAL GLAZE	18K	5%	1/8W
R100	1-216-017-00	METAL GLAZE	47	5%	1/10W
R101	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R102	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R103	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R104	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R105	1-216-109-00	METAL GLAZE	330K	5%	1/10W
R106	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R107	1-216-073-00	METAL GLAZE	10K	5%	1/10W (KV-M2100A ONLY)
R108	1-216-049-00	METAL GLAZE	1K	5%	1/10W (KV-M2100A ONLY)
R109	1-216-190-00	METAL GLAZE	470	5%	1/8W
R110	1-249-437-11	CARBON	47K	5%	1/4W
R111	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R112	1-249-411-11	CARBON	330	5%	1/4W
R113	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R114	1-216-238-00	METAL GLAZE	47K	5%	1/8W
R115	1-216-045-00	METAL GLAZE	680	5%	1/10W
R116	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R118	1-216-035-00	METAL GLAZE	270	5%	1/10W
R119	1-216-045-00	METAL GLAZE	680	5%	1/10W
R120	1-216-043-00	METAL GLAZE	560	5%	1/10W (KV-M2101U ONLY)
R122	1-216-043-00	METAL GLAZE	560	5%	1/10W (KV-M2101U ONLY)
R130	1-249-409-11	CARBON	220	5%	1/4W
R131	1-216-041-00	METAL GLAZE	470	5%	1/10W
R132	1-216-295-00	METAL GLAZE	0	5%	1/10W
R136	1-216-041-00	METAL GLAZE	470	5%	1/10W
R138	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R139	1-216-295-00	METAL GLAZE	0	5%	1/10W
R140	1-216-037-00	METAL GLAZE	330	5%	1/10W
R141	1-216-021-00	METAL GLAZE	68	5%	1/10W

REF.NO.	PART NO.	DESCRIPTION			REMARK
R142	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W
R143	1-216-033-00	METAL GLAZE	220	5%	1/10W
R144	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R147	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R148	1-216-017-00	METAL GLAZE	47	5%	1/10W
R149	1-216-182-00	METAL GLAZE	220	5%	1/8W
R151	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R152	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R153	1-215-867-00	METAL OXIDE	470	5%	1W
R199	1-216-295-00	METAL GLAZE	0	5%	1/10W
R201	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R202	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R203	1-216-298-00	METAL GLAZE	2.2	5%	1/10W
R204	1-247-741-11	CARBON	150	5%	1/2W
R205	1-216-083-00	METAL GLAZE	27K	5%	1/10W
R206	1-216-035-00	METAL GLAZE	270	5%	1/10W
R207	1-216-298-00	METAL GLAZE	2.2	5%	1/10W
R303	1-216-033-00	METAL GLAZE	220	5%	1/10W
R304	1-216-033-00	METAL GLAZE	220	5%	1/10W
R305	1-216-033-00	METAL GLAZE	220	5%	1/10W
R306	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R307	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R309	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W
R310	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R311	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R312	1-216-174-00	METAL GLAZE	100	5%	1/8W
R313	1-216-174-00	METAL GLAZE	100	5%	1/8W
R314	1-216-025-00	METAL GLAZE	100	5%	1/10W
R315	1-216-047-00	METAL GLAZE	820	5%	1/10W
R317	1-216-202-00	METAL GLAZE	1.5K	5%	1/8W
R320	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R321	1-216-023-00	METAL GLAZE	82	5%	1/10W
R322	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R323	1-216-192-00	METAL GLAZE	560	5%	1/8W
R324	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R325	1-249-410-11	CARBON	270	5%	1/4W
R326	1-216-035-00	METAL GLAZE	270	5%	1/10W
R327	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R328	1-216-001-00	METAL GLAZE	10	5%	1/10W
R329	1-216-109-00	METAL GLAZE	330K	5%	1/10W
R330	1-216-244-00	METAL GLAZE	82K	5%	1/8W
R331	1-216-113-00	METAL GLAZE	470K	5%	1/10W
R332	1-216-270-00	METAL GLAZE	1M	5%	1/8W
R333	1-216-091-00	METAL GLAZE	56K	5%	1/10W
R334	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R335	1-216-001-00	METAL GLAZE	10	5%	1/10W
R336	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R337	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R338	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R344	1-247-848-11	CARBON	5.1K	5%	1/4W
R345	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R347	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R348	1-216-033-00	METAL GLAZE	220	5%	1/10W
R349	1-216-029-00	METAL GLAZE	150	5%	1/10W
R350	1-216-041-00	METAL GLAZE	470	5%	1/10W
R351	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R352	1-216-039-00	METAL GLAZE	390	5%	1/10W
R353	1-249-438-11	CARBON	56K	5%	1/4W
R354	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R355	1-216-049-00	METAL GLAZE	1K	5%	1/10W

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

REF.NO.	PART NO.	DESCRIPTION				REMARK
R356	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R357	1-216-039-00	METAL GLAZE	390	5%	1/10W	
R358	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R359	1-216-238-00	METAL GLAZE	47K	5%	1/8W	
R363	1-216-222-00	METAL GLAZE	10K	5%	1/8W	
R364	1-216-222-00	METAL GLAZE	10K	5%	1/8W	
R402	1-216-172-00	METAL GLAZE	82	5%	1/8W	
R403	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R404	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R405	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R406	1-216-226-00	METAL GLAZE	15K	5%	1/8W	
R407	1-216-226-00	METAL GLAZE	15K	5%	1/8W	
R408	1-216-091-00	METAL GLAZE	56K	5%	1/10W	
R409	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R411	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R412	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R413	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R414	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R420	1-216-182-00	METAL GLAZE	220	5%	1/8W	
R421	1-216-449-11	METAL OXIDE	56	5%	2W	
R423	1-216-095-00	METAL GLAZE	82K	5%	1/10W	
R424	1-216-222-00	METAL GLAZE	10K	5%	1/8W	
R425	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R426	1-216-045-00	METAL GLAZE	680	5%	1/10W	
R427	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R428	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R430	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R432	1-249-403-11	CARBON	68	5%	1/4W	
R433	1-216-079-00	METAL GLAZE	18K	5%	1/10W	
R434	1-216-029-00	METAL GLAZE	150	5%	1/10W	
R435	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R436	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R437	1-216-101-00	METAL GLAZE	150K	5%	1/10W	
R501	1-216-214-00	METAL GLAZE	4.7K	5%	1/8W	
R502	1-247-743-11	CARBON	220	5%	1/2W	
R503	1-249-437-11	CARBON	47K	5%	1/4W	
R504	1-216-017-00	METAL GLAZE	47	5%	1/10W	
R505	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R507	1-216-350-11	METAL OXIDE	1.2	5%	1W	F
R508	1-215-867-00	METAL OXIDE	470	5%	1W	
R510	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	
R511	1-216-244-00	METAL GLAZE	82K	5%	1/8W	
R512	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R513	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
R514	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	
R515	1-216-683-11	METAL CHIP	22K	0.50%	1/10W	
R516	1-216-095-00	METAL GLAZE	82K	5%	1/10W	
R517	1-216-031-00	METAL GLAZE	180	5%	1/10W	
R518	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R519	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R520	1-216-258-00	METAL GLAZE	330K	5%	1/8W	
R521	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
R522	1-215-863-11	METAL OXIDE	100	5%	1W	
R523	1-247-754-11	CARBON	1.5K	5%	1/2W	
R524	1-216-099-00	METAL GLAZE	120K	5%	1/10W	
R525	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R527	1-215-869-11	METAL OXIDE	1K	5%	1W	
R532	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R533	1-216-133-00	METAL GLAZE	3.3M	5%	1/10W	
R534	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	

REF.NO.	PART NO.	DESCRIPTION				REMARK
R535	1-216-107-00	METAL GLAZE	270K	5%	1/10W	
R539	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R542	1-216-025-00	METAL GLAZE	100	5%	1/10W	
R543	1-249-408-11	CARBON	180	5%	1/4W	
R545	1-216-286-00	METAL GLAZE	4.7M	5%	1/8W	
R548	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R601 ⚠	1-205-909-11	WIREWOUND	3.3	5%	10W	
R602	1-214-923-00	CARBON	270K	5%	1/2W	
R603	1-215-903-11	METAL OXIDE	68K	5%	2W	
R604	1-247-752-11	CARBON	1K	5%	1/2W	
R606	1-212-877-11	FUSIBLE	68	5%	1/4W	
R607	1-249-430-11	CARBON	12K	5%	1/4W	
R608	1-215-884-11	METAL OXIDE	47	5%	2W	
R609	1-207-905-00	WIREWOUND	0.27	10%	2W	
R611	1-214-915-00	CARBON	120K	5%	1/2W	
R612	1-219-137-11	FUSIBLE	0.33	5%	1/4W	
R613	1-217-811-11	FUSIBLE	0.47	5%	1/4W	
R614	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R615	1-216-013-00	METAL GLAZE	33	5%	1/10W	
R617	1-216-354-11	METAL OXIDE	2.7	5%	1W	F
R620	1-216-465-11	METAL OXIDE	27K	5%	2W	
R621	1-216-465-11	METAL OXIDE	27K	5%	2W	
R626	1-216-238-00	METAL GLAZE	47K	5%	1/8W (KV-M2100A ONLY)	
R627	1-216-238-00	METAL GLAZE	47K	5%	1/8W (KV-M2100A ONLY)	
R628	1-218-265-11	METAL GLAZE	8.2M	5%	1W	
R629	1-213-096-00	FUSIBLE	330	5%	1W	F
R801	1-217-778-11	FUSIBLE	1K	5%	1W	F
R802	1-217-819-11	FUSIBLE	2.7K	5%	1/4W	
R803	1-216-352-11	METAL OXIDE	1.8	5%	1W	F
R804	1-216-013-00	METAL GLAZE	33	5%	1/10W	
R805	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R806	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R807	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R808	1-216-091-00	METAL GLAZE	56K	5%	1/10W	
R809	1-216-689-11	METAL GLAZE	39K	5%	1/10W	
R810	1-216-109-00	METAL GLAZE	330K	5%	1/10W	
R811	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W	
R812	1-217-778-11	FUSIBLE	1K	5%	1W	F
R813	1-212-877-11	FUSIBLE	68	5%	1/4W	
R814	1-215-868-00	METAL OXIDE	680	5%	1W	F
R816	1-247-883-00	CARBON	150K	5%	1/4W	
R817	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	
R818	1-202-830-00	SOLID	10K	10%	1/2W	
R819	1-249-448-11	CARBON	1.2	5%	1/4W	F
R820	1-217-811-11	FUSIBLE	0.47	5%	1/4W	
R821	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W	
R822	1-216-204-00	METAL GLAZE	1.8K	5%	1/8W	
R823	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R826	1-216-025-00	METAL GLAZE	100	5%	1/10W	
R827	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R830	1-216-192-00	METAL GLAZE	560	5%	1/8W	
R850	1-215-882-00	METAL OXIDE	22	5%	2W	F

<VARIABLE RESISTOR>

RV001	1-241-627-11	RES, ADJ, CARBON 1K
RV501	1-241-630-11	RES, ADJ, CARBON 10K
RV502	1-226-703-11	RES, ADJ, METAL GLAZE 10K
RV503	1-238-019-11	RES, ADJ, CARBON 47K

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

REF.NO.		PART NO.	DESCRIPTION	REMARK
RV504		1-238-019-11	RES, ADJ, CARBON 47K	
RV505		1-238-009-11	RES, ADJ, CARBON 220	
RV801		1-241-629-11	RES, ADJ, CARBON 4.7K	
RV802		1-238-019-11	RES, ADJ, CARBON 47K	
			<SWITCH>	
S001		1-571-532-21	SWITCH, TACTIL	
S002		1-571-532-21	SWITCH, TACTIL	
S003		1-571-532-21	SWITCH, TACTIL	
S601	⚠	1-571-433-11	SWITCH, PUSH (AC POWER)	
			<SPARK GAP>	
SG801		1-519-422-11	GAP, SPARK	
			<TRANSFORMER>	
T601	⚠	1-449-275-21	S.R.T	
T603	⚠	1-421-776-11	LFT (KV-M2100A/KV-M2100E ONLY)	
T604	⚠	1-424-078-11	TRANSFORMER, TRIGGER PULSE	
T605	⚠	1-421-862-11	LFT	
T801		1-437-090-00	HDT	
T802	⚠	1-439-416-41	TRANSFORMER ASSY, FLYBACK (NX-1604) (KV-M2100A/KV-M2100E ONLY)	
	⚠	1-439-416-51	TRANSFORMER ASSY, FLYBACK (UX-1650) (KV-M2101U ONLY)	
			<THERMISTOR>	
THP601	⚠	1-808-059-31	THERMISTOR, POSITIVE	
			<TUNER>	
TU101		1-465-541-14	TUNER (BT-3C) (KV-M2100A/KV-M2100E ONLY)	
		1-465-542-13	TUNER (BT-3U 601) (KV-M2101U ONLY)	
			<CRYSTAL>	
X001		1-577-619-11	VIBRATOR, CRYSTAL	
X332		1-567-131-00	OSCILLATOR, CRYSTAL	

****

*A-1638-016-A	C BOARD, COMPLETE (KV-M2100D/KV-M2101D)		
	********** (KV-M2100K/KV-M2101K)		
	(KV-M2101U)		
*A-1638-017-A	C BOARD, COMPLETE (KV-M2100A/KV-M2100B)		
	********** (KV-M2100E)		
*4-379-160-01	COVER (REAR LID), CV		
*4-379-167-01	COVER (MAIN), CV		
	<CAPACITOR>		
C703	1-163-129-00	CERAMIC CHIP 330PF	5% 50V
C704	1-163-007-11	CERAMIC CHIP 680PF	10% 50V
C705	1-163-191-00	CERAMIC CHIP 270PF	5% 50V
C706	1-163-007-11	CERAMIC CHIP 680PF	10% 50V
C707	1-162-116-00	CERAMIC 680PF	10% 2KV
C708	1-162-114-00	CERAMIC 0.0047MF	2KV
C709	1-163-007-11	CERAMIC CHIP 680PF	10% 50V
C710	1-123-947-00	ELECT 10MF	20% 250V
C712	1-163-129-00	CERAMIC CHIP 330PF	5% 50V
C714	1-124-360-00	ELECT 1000MF	20% 16V
C716	1-162-622-11	CERAMIC 330PF	10% 400V
C717	1-163-005-11	CERAMIC CHIP 470PF	10% 50V
C718	1-163-005-11	CERAMIC CHIP 470PF	10% 50V
C719	1-163-005-11	CERAMIC CHIP 470PF	10% 50V
		<CONNECTOR>	
CNC71	*1-508-786-00	PIN, CONNECTOR (5MM PITCH) 2P	
CNC72	*1-568-881-51	PIN, CONNECTOR 6P	
CNC81	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
CNC82	*1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P	
		<DIODE>	
D702	8-719-400-18	DIODE MA152WK	
D703	8-719-400-18	DIODE MA152WK	
D704	8-719-400-18	DIODE MA152WK	
D705	8-719-400-18	DIODE MA152WK	
D706	8-719-400-18	DIODE MA152WK	
D707	8-719-400-18	DIODE MA152WK	
D708	8-719-400-18	DIODE MA152WK	
D709	8-719-400-18	DIODE MA152WK	
D710	8-719-400-18	DIODE MA152WK	
D711	8-719-300-33	DIODE RU-3AM	
D714	8-719-800-76	DIODE 1SS226	
D715	8-719-800-76	DIODE 1SS226	
D716	8-719-800-76	DIODE 1SS226	
		<JACK>	
J701	⚠ 1-526-990-11	SOCKET, CRT	
		<COIL>	
L704	1-408-415-00	INDUCTOR 33UH	
		<TRANSISTOR>	
Q702	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q703	8-729-906-70	TRANSISTOR BF871	
Q704	8-729-200-17	TRANSISTOR 2SA1091O	
Q705	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q706	8-729-906-70	TRANSISTOR BF871	
Q707	8-729-200-17	TRANSISTOR 2SA1091O	
Q708	8-729-230-49	TRANSISTOR 2SC2712-YG	
Q709	8-729-906-70	TRANSISTOR BF871	
Q710	8-729-200-17	TRANSISTOR 2SA1091O	
		<RESISTOR>	
JR1	1-216-296-00	METAL GLAZE 0	5% 1/8W
JR2	1-216-296-00	METAL GLAZE 0	5% 1/8W
JR3	1-216-296-00	METAL GLAZE 0	5% 1/8W
JR4	1-216-296-00	METAL GLAZE 0	5% 1/8W
JR6	1-216-296-00	METAL GLAZE 0	5% 1/8W
JR7	1-216-296-00	METAL GLAZE 0	5% 1/8W
JR8	1-216-296-00	METAL GLAZE 0	5% 1/8W
JR12	1-216-296-00	METAL GLAZE 0	5% 1/8W
JR13	1-216-296-00	METAL GLAZE 0	5% 1/8W
JR14	1-216-296-00	METAL GLAZE 0	5% 1/8W
JR15	1-216-296-00	METAL GLAZE 0	5% 1/8W
JR16	1-216-296-00	METAL GLAZE 0	5% 1/8W
JR17	1-216-296-00	METAL GLAZE 0	5% 1/8W
JR18	1-216-296-00	METAL GLAZE 0	5% 1/8W
R704	1-216-487-11	METAL OXIDE 12K	5% 3W F

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifies par une trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

C J1 V

REF.NO.	PART NO.	DESCRIPTION				REMARK
R705	1-202-824-00	SOLID	3.3K	10%	1/2W	
R706	1-216-182-00	METAL GLAZE	220	5%	1/8W	
R707	1-247-822-11	CARBON	430	5%	1/4W	
R708	1-249-401-11	CARBON	47	5%	1/4W	
R709	1-202-844-00	SOLID	330K	10%	1/2W	
R711	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W	
R712	1-216-198-00	METAL GLAZE	1K	5%	1/8W	
R713	1-215-469-00	METAL	100K	1%	1/4W	
R714	1-216-487-11	METAL OXIDE	12K	5%	3W	F
R715	1-202-824-00	SOLID	3.3K	10%	1/2W	
R716	1-216-182-00	METAL GLAZE	220	5%	1/8W	
R717	1-249-415-11	CARBON	680	5%	1/4W	
R718	1-202-814-11	SOLID	33K	10%	1/2W	
R719	1-216-166-00	METAL GLAZE	47	5%	1/8W	
R720	1-216-210-00	METAL GLAZE	3.3K	5%	1/8W	
R721	1-202-842-11	SOLID	220K	10%	1/2W	
R722	1-202-848-00	SOLID	680K	10%	1/2W	
R723	1-216-198-00	METAL GLAZE	1K	5%	1/8W	
R724	1-202-846-00	SOLID	470K	10%	1/2W	
R725	1-202-838-00	SOLID	100K	10%	1/2W	
R726	1-202-824-00	SOLID	3.3K	10%	1/2W	
R727	1-249-409-11	CARBON	220	5%	1/4W	
R728	1-216-347-11	METAL OXIDE	0.68	5%	1W	F
R729	1-249-416-11	CARBON	820	5%	1/4W	
R730	1-216-166-00	METAL GLAZE	47	5%	1/8W	
R731	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	
R732	1-216-194-00	METAL GLAZE	680	5%	1/8W	
R733	1-216-194-00	METAL GLAZE	680	5%	1/8W	
R734	1-249-405-11	CARBON	100	5%	1/4W	
R735	1-215-493-00	METAL	1M	1%	1/4W	
R736	1-216-487-11	METAL OXIDE	12K	5%	3W	F
R737	1-215-483-00	METAL	390K	1%	1/4W	
R739	1-216-198-00	METAL GLAZE	1K	5%	1/8W	
		<VARIABLE RESISTOR>				
RV701	1-230-641-11	RES, ADJ, METAL GLAZE 2.2M				
RV702	1-230-619-11	RES, ADJ, METAL GLAZE 110M				
RV703	1-237-749-11	RES, ADJ, CARBON 2200				
RV704	1-237-749-11	RES, ADJ, CARBON 2200				

****

*1-638-167-11 J1 BOARD
****

<CAPACITOR>

C2200	1-163-031-11	CERAMIC CHIP 0.01MF		50V

<CONNECTOR>

CN2001	*1-568-878-51	PIN, CONNECTOR 3P

<JACK>

J2201	1-562-837-11	JACK

<COIL>

L2201	1-408-409-00	INDUCTOR	10UH

****

REF.NO.	PART NO.	DESCRIPTION				REMARK
	*A-1645-017-A	V BOARD, COMPLETE (KV-M2101D/KV-M2101U)				
		**********				
	*A-1645-020-A	V BOARD, COMPLETE (KV-M2101K)				
		**********				
		<CAPACITOR>				
C1	1-126-101-11	ELECT	100MF	20%	16V	
C2	1-163-038-00	CERAMIC CHIP	0.1MF		25V	
C3	1-124-120-11	ELECT	220MF	20%	16V	
C4	1-163-077-00	CERAMIC CHIP	0.1MF		50V	
C5	1-124-120-11	ELECT	220MF	20%	16V	
C6	1-163-038-00	CERAMIC CHIP	0.1MF		25V	
C7	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	
C8	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	
C9	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	
C10	1-163-038-00	CERAMIC CHIP	0.1MF		25V	
C11	1-163-038-00	CERAMIC CHIP	0.1MF		25V	
C12	1-163-038-00	CERAMIC CHIP	0.1MF		25V	
C13	1-163-038-00	CERAMIC CHIP	0.1MF		25V	
C14	1-124-927-11	ELECT	4.7MF	20%	50V	
C16	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	
C17	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	
C23	1-124-927-11	ELECT	4.7MF	20%	50V	
C26	1-163-038-00	CERAMIC CHIP	0.1MF		25V	
C27	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	
C28	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	
C29	1-163-117-00	CERAMIC CHIP	100PF	5%	50V	
C32	1-163-038-00	CERAMIC CHIP	0.1MF		25V	
C33	1-163-038-00	CERAMIC CHIP	0.1MF		25V	
		<CONNECTOR>				
CNV1	*1-565-393-11	CONNECTOR, BOARD TO BOARD				
CNV2	*1-565-393-11	CONNECTOR, BOARD TO BOARD				
		<DIODE>				
D1	8-719-105-91	DIODE RD5.6M-B2				
D3	8-719-914-44	DIODE DAP202K				
D5	8-719-914-44	DIODE DAP202K				
D6	8-719-400-18	DIODE MA152WK				
D9	8-719-106-17	DIODE RD6.8M-B2				
		<IC>				
IC2	8-759-515-59	IC SAA5246P/H				(KV-M2101K ONLY)
	8-759-045-54	IC SAA5246P/E/M4A				(KV-M2101D/KV-M2101U ONLY)
IC3	8-759-510-49	IC FCB61C65L-70P				
		<COIL>				
L1	1-408-403-00	INDUCTOR	3.3UH			
L2	1-408-407-00	INDUCTOR	6.8UH			
L3	1-408-407-00	INDUCTOR	6.8UH			
L4	1-408-407-00	INDUCTOR	6.8UH			
		<IC LINK>				
PS1	⚠ 1-532-679-00	LINK, IC (ICP-N15) 0.6A				

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Replace only with part number specified.

V

REF.NO.	PART NO.	DESCRIPTION	REMARK
		<TRANSISTOR>	
Q1	8-729-900-53	TRANSISTOR DTC114EK	
Q2	8-729-920-92	TRANSISTOR 2SD2096-EF	
Q3	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
Q4	8-729-901-81	TRANSISTOR 2SC2412K-T-146-R	
Q5	8-729-807-87	TRANSISTOR 2SB1295-UL6	
Q6	8-729-807-87	TRANSISTOR 2SB1295-UL6	
Q7	8-729-807-87	TRANSISTOR 2SB1295-UL6	
Q9	8-729-901-04	TRANSISTOR DTA114EK	
Q10	8-729-901-01	TRANSISTOR DTC144EK	
Q11	8-729-901-01	TRANSISTOR DTC144EK	
		<RESISTOR>	
JR01	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR02	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR03	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR08	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR09	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR11	1-216-295-00	METAL GLAZE 0 5% 1/10W	(KV-M2101D/KV-M2101U ONLY)
JR14	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR15	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR17	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR18	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR19	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR20	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR21	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR23	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR24	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR25	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR26	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR202	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR203	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR221	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR222	1-216-295-00	METAL GLAZE 0 5% 1/10W	
R1	1-218-326-11	METAL GLAZE 470 5% 1/2W	
R2	1-216-214-00	METAL GLAZE 4.7K 5% 1/8W	
R3	1-216-049-00	METAL GLAZE 1K 5% 1/10W	
R4	1-216-025-00	METAL GLAZE 100 5% 1/10W	
R5	1-216-047-00	METAL GLAZE 820 5% 1/10W	
R6	1-216-001-00	METAL GLAZE 10 5% 1/10W	
R7	1-216-083-00	METAL GLAZE 27K 5% 1/10W	
R8	1-216-071-00	METAL GLAZE 8.2K 5% 1/10W	
R9	1-216-308-00	METAL GLAZE 4.7 5% 1/10W	
R10	1-218-325-11	METAL GLAZE 120 5% 1/4W	
R11	1-218-325-11	METAL GLAZE 120 5% 1/4W	
R12	1-218-325-11	METAL GLAZE 120 5% 1/4W	
R13	1-216-025-00	METAL GLAZE 100 5% 1/10W	
R14	1-216-001-00	METAL GLAZE 10 5% 1/10W	
R15	1-216-013-00	METAL GLAZE 33 5% 1/10W	
R16	1-216-013-00	METAL GLAZE 33 5% 1/10W	
R17	1-216-013-00	METAL GLAZE 33 5% 1/10W	
R18	1-216-025-00	METAL GLAZE 100 5% 1/10W	
R19	1-216-025-00	METAL GLAZE 100 5% 1/10W	
R21	1-216-013-00	METAL GLAZE 33 5% 1/10W	
R22	1-216-168-00	METAL GLAZE 56 5% 1/8W	
R23	1-216-214-00	METAL GLAZE 4.7K 5% 1/8W	
R40	1-216-065-00	METAL GLAZE 4.7K 5% 1/10W	
R42	1-216-049-00	METAL GLAZE 1K 5% 1/10W	
R49	1-216-049-00	METAL GLAZE 1K 5% 1/10W	
R50	1-216-296-00	METAL GLAZE 0 5% 1/8W	
		<VARIABLE RESISTOR>	
RV1	1-241-627-11	RES, ADJ, CARBON 1K	
		<CRYSTAL>	
X1	1-579-266-31	CRYSTAL VIBRATOR	

****

ACCESSORIES AND PACKING MATERIALS
****

4-202-256-61	MANUAL INSTRUCTION	(KV-M2101U ONLY)
4-202-256-11	MANUAL INSTRUCTION	(KV-M2100D/KV-M2101D ONLY)
4-202-256-51	MANUAL INSTRUCTION	(KV-M2100B ONLY)
4-202-256-71	MANUAL INSTRUCTION	(KV-M2100E ONLY)
4-202-256-41	MANUAL INSTRUCTION	(KV-M2100A ONLY)
4-202-256-81	MANUAL INSTRUCTION	(KV-M2100K/KV-M2101K ONLY)
4-200-726-01	INDIVIDUAL CARTON	(KV-M2100A/KV-M2100B/KV-M2100E ONLY)
4-202-249-01	INDIVIDUAL CARTON	(KV-M2100D/KV-M2101D/KV-M2100K/KV-M2101K ONLY)
4-202-250-01	INDIVIDUAL CARTON	(KV-M2101U ONLY)
*4-200-681-01	CUSHION (UPPER) (ASSY)	
*4-200-684-02	CUSHION (LOWER) (ASSY)	
*4-381-155-01	BAG, PROTECTION	

****

MISCELLANEOUS
****

⚠	1-426-383-11	COIL, DEGAUSSING	
⚠	1-451-295-11	DEFLECTION YOKE (Y21PFA2)	
	1-452-032-00	MAGNET, DISK; 10MM	
	1-452-094-00	MAGNET, ROTATABLE DISK.; 15MM	
	1-452-277-00	MAGNET, BMC	
	1-503-258-21	SPEAKER	
⚠	1-690-296-11	CORD, POWER (WITH NOISE FILTER)	(KV-M2100A ONLY)
⚠	1-590-501-11	CORD, POWER (WITH NOISE FILTER)	(KV-M2101D/KV-M2101U ONLY)
⚠	1-590-460-11	CORD, POWER (WITH CONNECTOR)	(KV-M2100K/KV-M2101K/KV-M2100E ONLY)
⚠	1-690-460-11	CORD, POWER (WITH CONNECTOR)	(KV-M2100B ONLY)
⚠	1-590-762-11	CORD, POWER (WITH PLUG)	(KV-M2101U ONLY)
⚠	8-738-758-05	PICTURE TUBE (A51JXH61X)	

****

REMOTE COMMANDER
****

1-467-130-11	CONTROL UNIT, REMOTE	(RM-841)
9-904-886-01	COVER, BATTERY	(RM-841)

****

SERVICE MANUAL

BE-2A CHASSIS

MODEL	COMMANDER	DEST.	CHASSIS NO.	MODEL	COMMANDER	DEST.	CHASSIS NO.
KV-M2100K	RM-841	OIRT	SCC-E50J-A	KV-M2101D	RM-841	AEP	SCC-D85P-A
KV-M2101K	RM-841	OIRT	SCC-E50H-A	KV-M2100D	RM-841	AEP	SCC-D85Q-A
KV-M2100A	RM-841	Italian	SCC-D78K-A	KV-M2101U	RM-841	UK	SCC-D86R-A
KV-M2100B	RM-841	French	SCC-E24H-A	KV-M2100E	RM-841	Spanish	SCC-D87Q-A

SUPPLEMENT - 1

File this supplement with the Service Manual

1. INTRODUCTION
   - KV-M2100D/M2101D Schematic Diagrams, Printed Wiring Boards, Exploded Views and Electrical Parts List have been Changed. (SERIAL NO. 4,000,001 and later)

TABLE OF CONTENTS

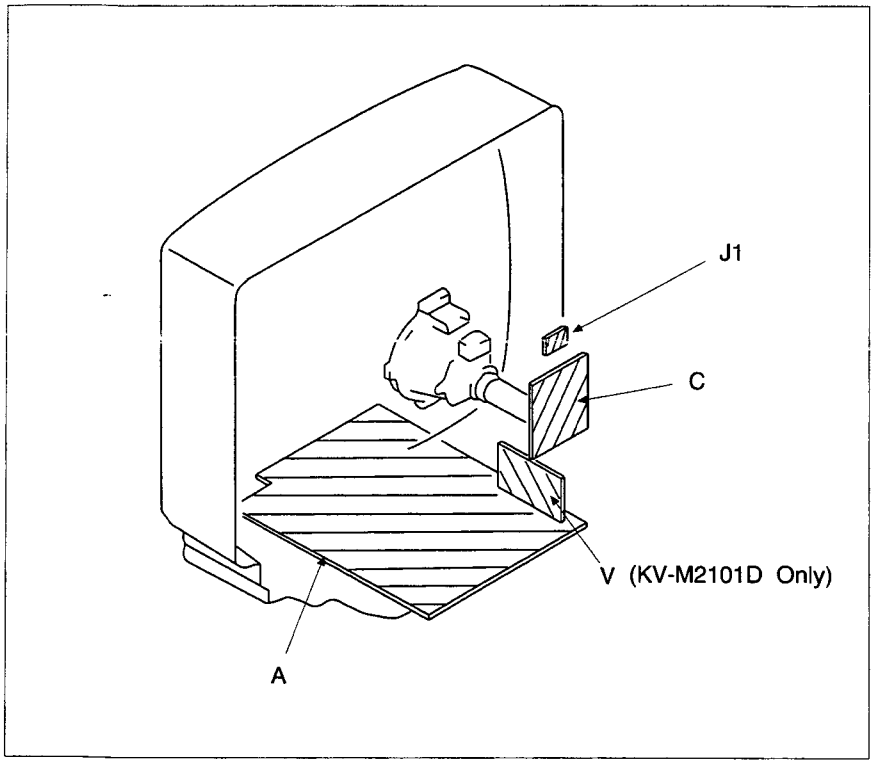
Section	Title	Page
1.	DIAGRAMS	
1-1.	Circuit Board Location	2
1-2.	Schematic Diagrams and Printed Wiring Boards	3
	* A Board	3
	* C, J1, V	9
2.	EXPLODED VIEWS	
2-1.	Chassis and Picture Tube	13
3.	ELECTRICAL PARTS LIST	14

MICROFILM

TRINITRON® COLOR TV

SONY®

1-1. CIRCUIT BOARD LOCATION



Note :

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytic and tantalums.
- All resistors are in ohms. kΩ = 1000Ω , MΩ = 1000KΩ
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5 mm
Rating electrical power ¼ W

- : nonflammable resistor.
- △ : internal component.
- : panel designation, or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- ⊥ : earth - ground.
- : earth - chassis.
- : not mounted.

Note : The components identified by shading and marked ! are critical for safety. Replace only with the part numbers specified.

Reference information

RESISTOR	: RN	METAL FILM
	: RC	SOLID
	: FPRD	NONFLAMMABLE CARBON
	: FUSE	NONFLAMMABLE FUSIBLE
	: RS	NONFLAMMABLE METAL OXIDE
	: RB	NONFLAMMABLE CEMENT
	: RW	NONFLAMMABLE WIREWOUND
	:	ADJUSTABLE RESISTOR
COIL	: LF-8L	MICRO INDUCTOR
CAPACITOR	: TA	TANTALUM
	: PS	STYROL
	: PP	POLYPROPYLENE
	: PT	MYLAR
	: MPS	METALIZED POLYESTER
	: MPP	METALIZED POLYPROPYLENE
	: ALB	BIPOLAR
	: ALT	HIGH TEMPERATURE
	: ALR	HIGH RIPPLE

- Readings are taken with a colour-bar signal input.
- Readings are taken with 10MΩ digital multimeter.
- Voltages are dc with respect to ground unless otherwise noted.
- Voltage variations may be noted due to normal production tolerances.
- All voltages are in V.
- Circled numbers are waveform references.
- : B+ bus.
- : signal path. (RF)

SUPPLEMENT - 1

File this supplement with the Service Manual

1. INTRODUCTION
   - KV-M2100D/M2101D Schematic Diagrams, Printed Wiring Boards, Exploded Views and Electrical Parts List have been Changed. (SERIAL NO. 4,000,001 and later)

TABLE OF CONTENTS

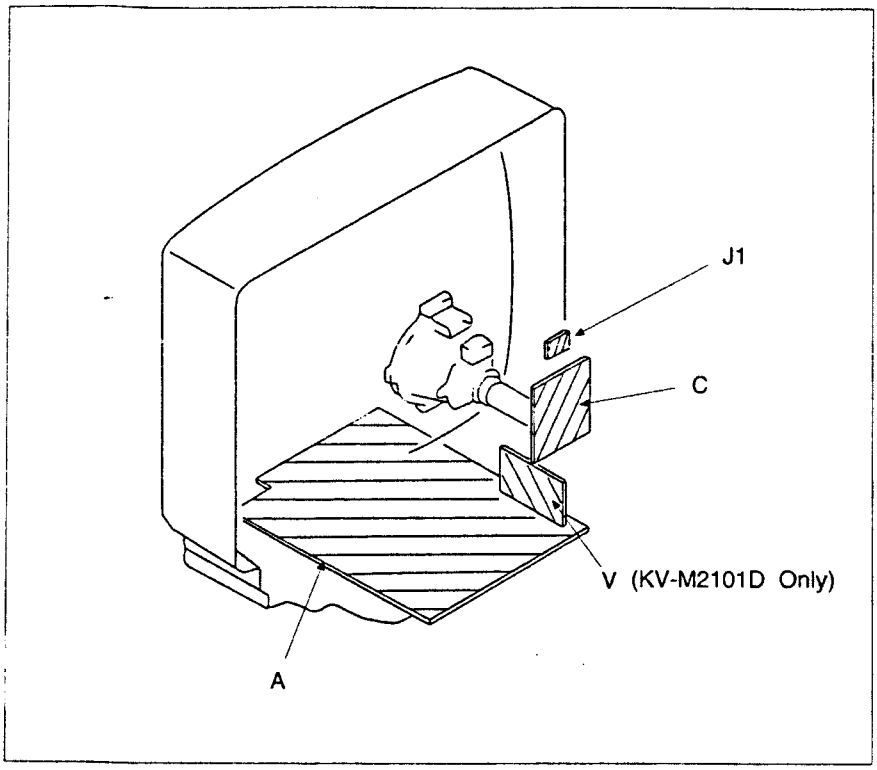
Section	Title	Page
1.	DIAGRAMS	
1-1.	Circuit Board Location	2
1-2.	Schematic Diagrams and Printed Wiring Boards	3
	* A Board	3
	* C, J1, V	9
2.	EXPLODED VIEWS	
2-1.	Chassis and Picture Tube	13
3.	ELECTRICAL PARTS LIST	14

MICROFILM

TRINITRON® COLOR TV

SONY®

1-1. CIRCUIT BOARD LOCATION



Note :

- All capacitors are in µF unless otherwise noted. pF: µµF 50WV or less are not indicated except for electrolytic and tantalums.
- All resistors are in ohms. kΩ = 1000Ω , MΩ = 1000KΩ
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5 mm
Rating electrical power ¼ W

- ! : nonflammable resistor.
- △ : internal component.
- ⌐¬ : panel designation, or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- ⊥ : earth - ground.
- ⏚ : earth - chassis.
- # : not mounted.

Note : The components identified by shading and marked ! are critical for safety. Replace only with the part numbers specified.

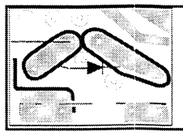
Reference information

RESISTOR	: RN	METAL FILM
	: RC	SOLID
	: FPRD	NONFLAMMABLE CARBON
	: FUSE	NONFLAMMABLE FUSIBLE
	: RS	NONFLAMMABLE METAL OXIDE
	: RB	NONFLAMMABLE CEMENT
	: RW	NONFLAMMABLE WIREWOUND
	:	ADJUSTABLE RESISTOR
COIL	: LF-8L	MICRO INDUCTOR
CAPACITOR	: TA	TANTALUM
	: PS	STYROL
	: PP	POLYPROPYLENE
	: PT	MYLAR
	: MPS	METALIZED POLYESTER
	: MPP	METALIZED POLYPROPYLENE
	: ALB	BIPOLAR
	: ALT	HIGH TEMPERATURE
	: ALR	HIGH RIPPLE

- Readings are taken with a colour-bar signal input.
- Readings are taken with 10MΩ digital multimeter.
- Voltages are dc with respect to ground unless otherwise noted.
- Voltage variations may be noted due to normal production tolerances.
- All voltages are in V.
- Circled numbers are waveform references.
- ——— : B+ bus.
- : signal path (RF)

1-2. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS.

A [SYSTEM CONTROL, A/V OUT H/V OUT, MEMORY, CHROMA]

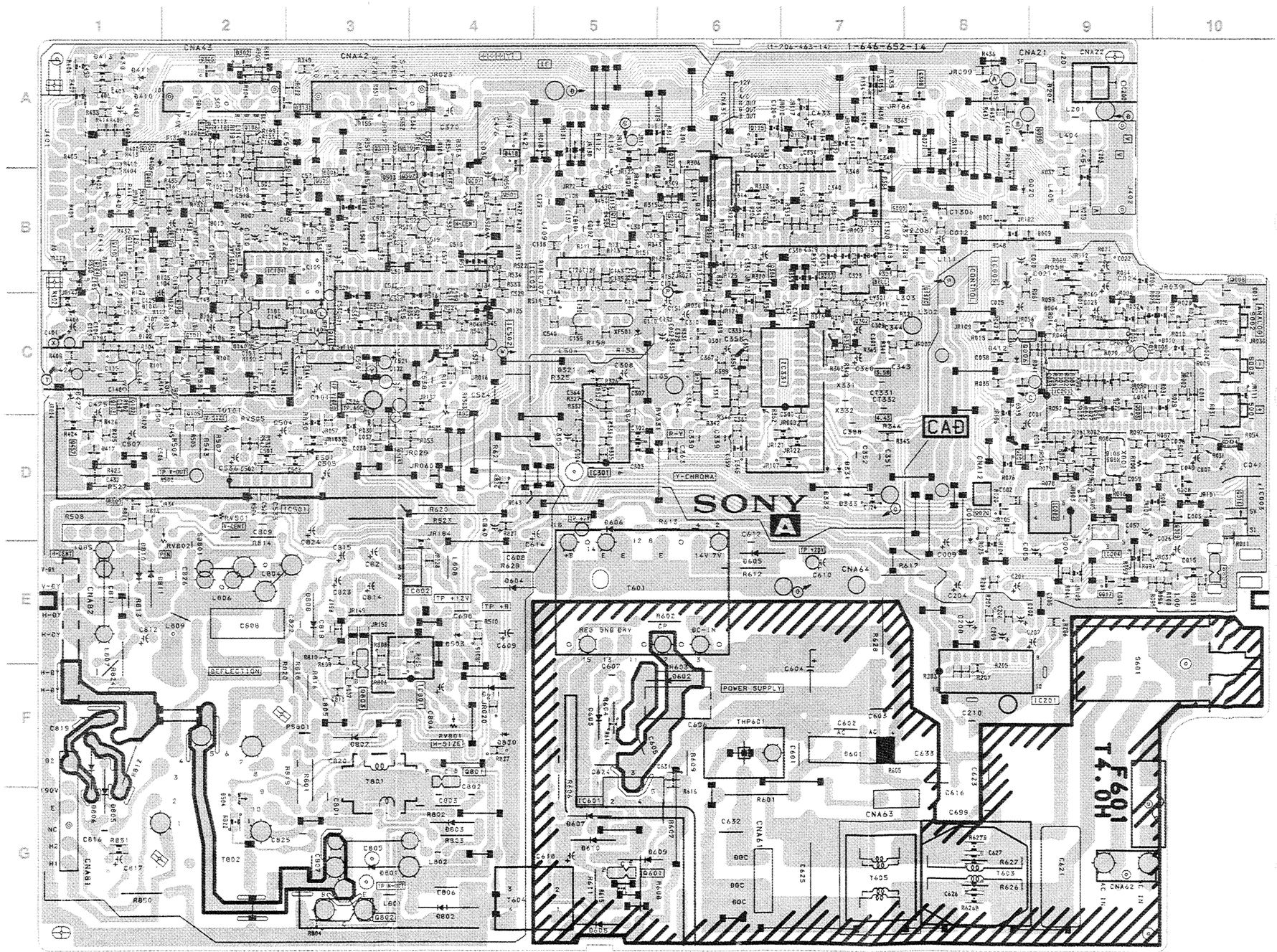


The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock during inspection or repair.

– A BOARD –

A Board

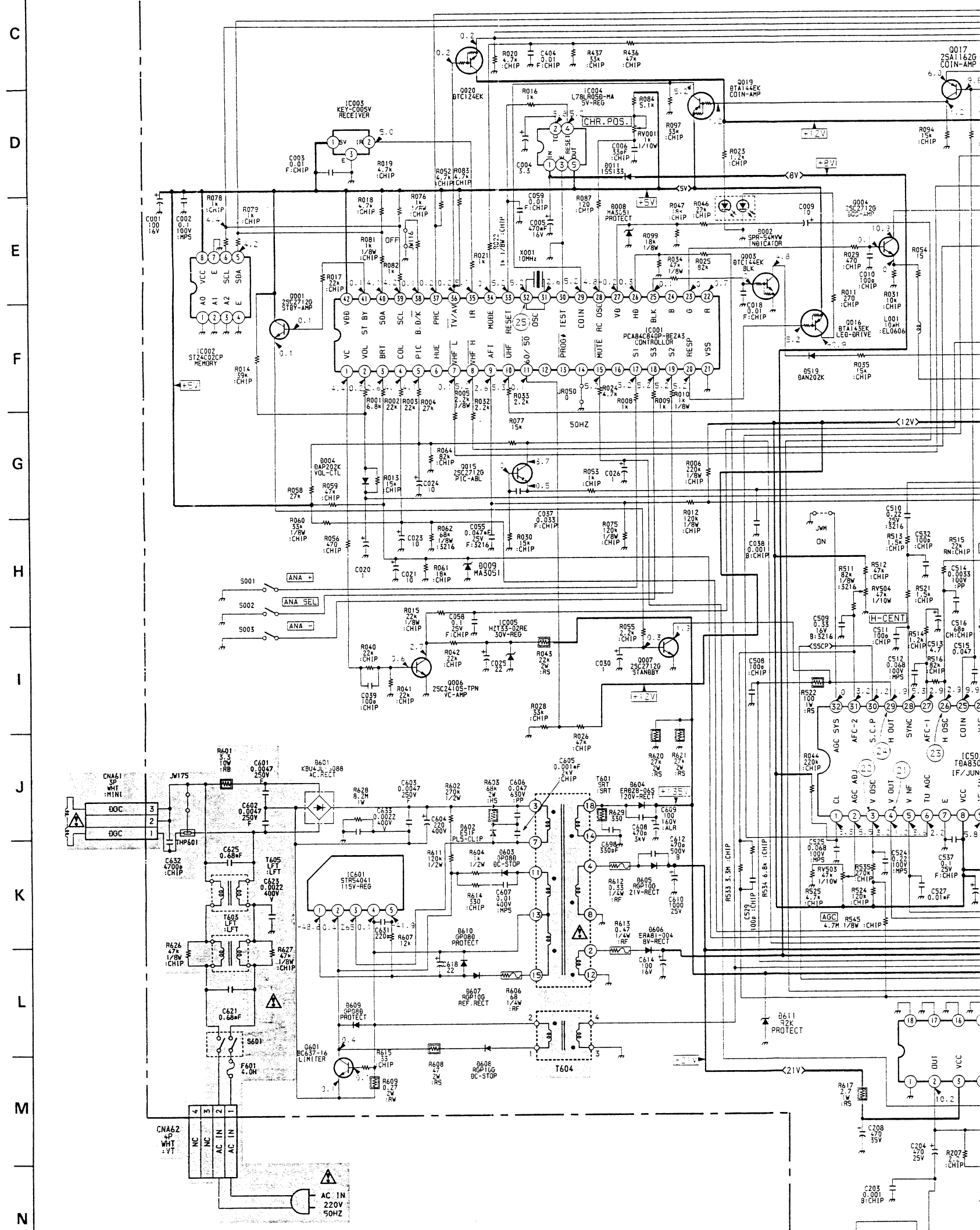
DIODE		DIODE		TRANSISTOR	
D002	E-10	D604	E-4	Q001	D-8
D004	C-9	D605	E-6	Q003	C-9
D007	B-8	D606	D-5	Q004	D-10
D008	D-10	D607	G-5	Q005	B-8
D009	B-8	D608	H-5	Q006	C-8
D011	E-8	D609	G-5	Q007	B-4
D020	B-8	D610	G-5	Q015	D-3
D110	C-5	D611	F-4	Q016	D-10
D301	C-6	D801	G-3	Q017	E-9
D302	A-2	D802	H-4	Q019	D-10
D303	B-6	D803	G-4	Q020	D-8
D305	A-2	D805	G-1	Q104	C-1
D306	B-6	D806	F-1	Q106	A-2
D313	A-3	D807	F-3	Q107	A-2
D321	C-5	D808	E-3	Q112	A-7
D324	A-7	D810	E-1	Q114	B-5
D334	B-6	D811	E-1	Q115	A-6
D402	A-1	D820	F-4	Q123	A-2
D403	B-1	IC		Q141	C-3
D404	B-1			Q302	C-7
D405	A-1	IC001	C-9	Q304	B-6
D406	C-1	IC002	D-9	Q305	B-6
D411	A-1	IC003	D-10	Q307	B-6
D417	D-1	IC004	E-9	Q310	A-3
D418	A-4	IC005	B-8	Q311	A-3
D426	C-1	IC102	B-5	Q401	B-1
D427	C-1	IC201	F-8	Q457	D-1
D450	B-5	IC301	D-5	Q504	C-3
D501	D-3	IC302	B-7	Q505	B-3
D503	E-4	IC331	C-7	Q601	G-5
D504	G-2	IC501	D-2	Q801	F-4
D519	C-8	IC502	C-4	Q802	H-3
D601	F-7	IC601	G-5	Q803	F-3
D602	F-6	IC801	F-3		
D603	F-5	IC802	E-4	VARIABLE RESISTOR	
		TRIMMER			
		CT331	C8	RV001	D-9
		CT332	C8	RV501	D-2
				RV502	B-4
				RV503	C-4
				RV505	D-2
				RV801	F-4
				RV802	E-2

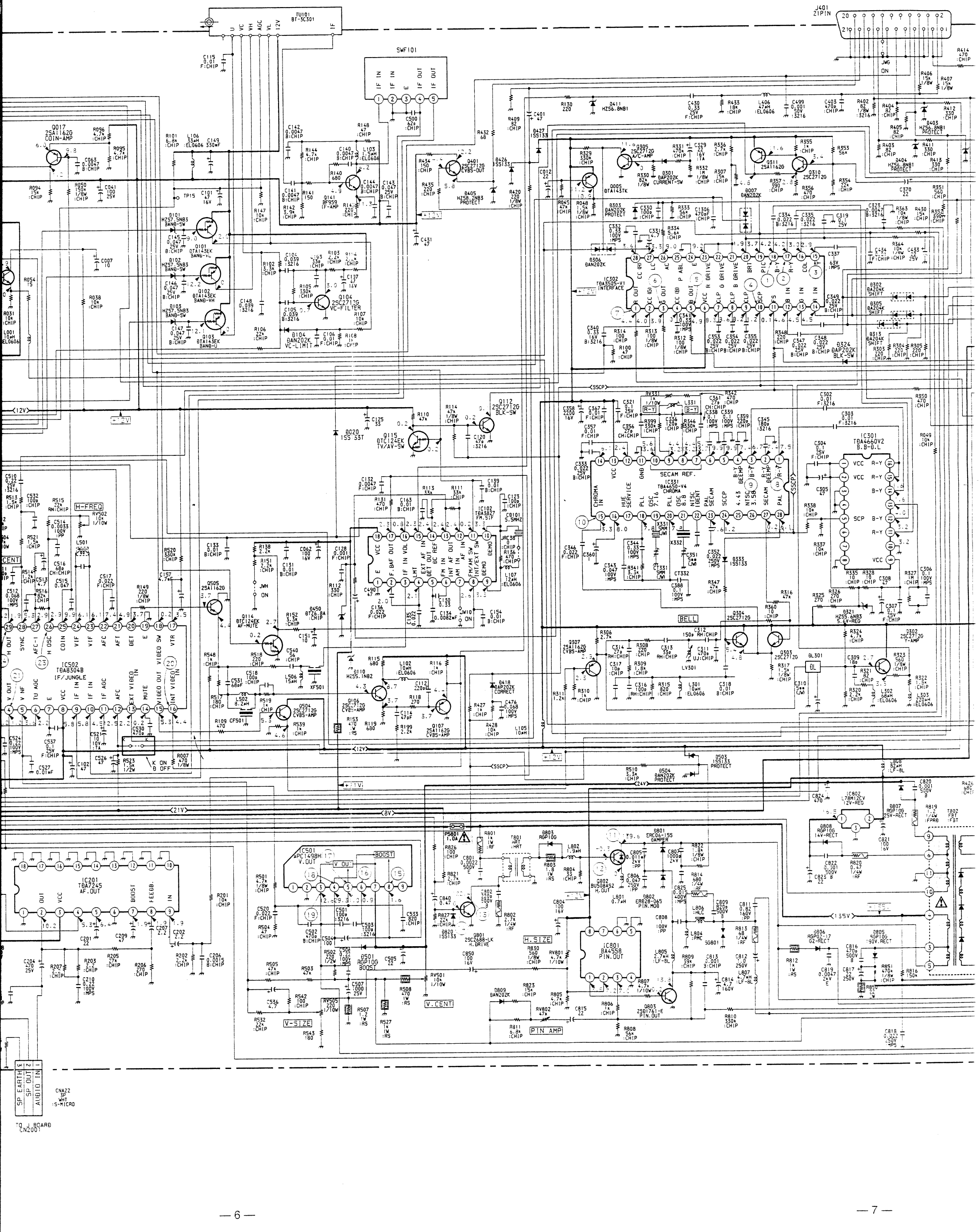


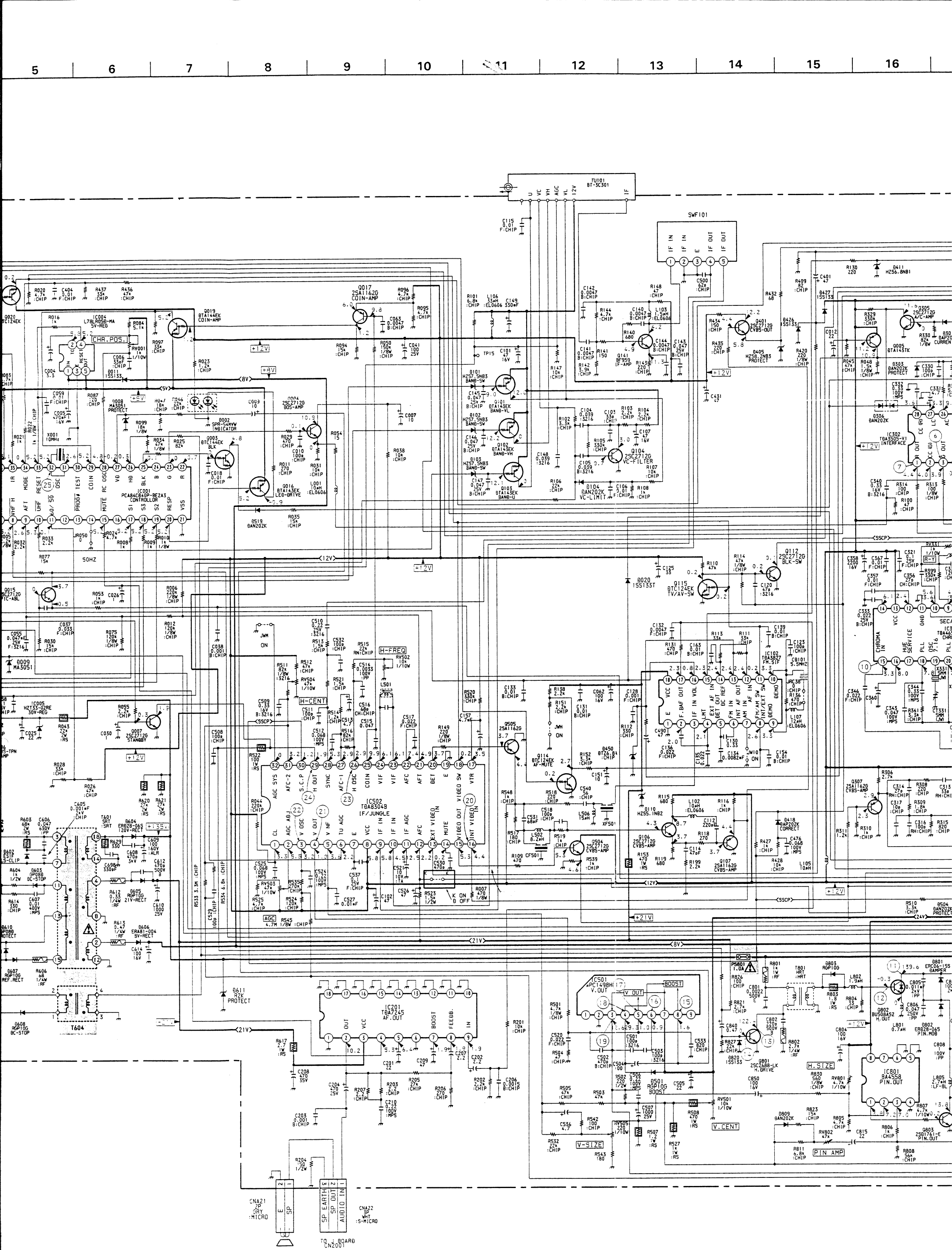
B-*SSBE2A<OIR>-A..-M210

A

SYSTEM CONTROL
A/V OUT. H/V OUT
MEMORY. CHROMA




TU101 BT-3C301
U VC VH AGC VL 12V IF
SWF101
IF IN IF IN E IF OUT IF OUT
J401 21PIN
JWG ON
IC502 T0A8304B IF/JUNGLE
IC201 T0A7245 AF.OUT
IC301 T0A4660V2 B.B-D.L
IC331 T0A4650-V4 CHROMA
IC302 T0A3505-V1 INTERFACE
IC801 BA4558 PIN.OUT
IC501 μPC1498H V.OUT
IC802 L78M12CV 12V-REG
SECAM REF.
H-FREQ
V-SIZE
V.CENT
H.SIZE
PIN AMP
BELL
BOOST
SP EARTH
SP OUT
AUDIO IN
CNA22
TO J BOARD CN2001
+12V
+21V
+8V
+24V
+135V
<SSCP>


5
6
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10
11
12
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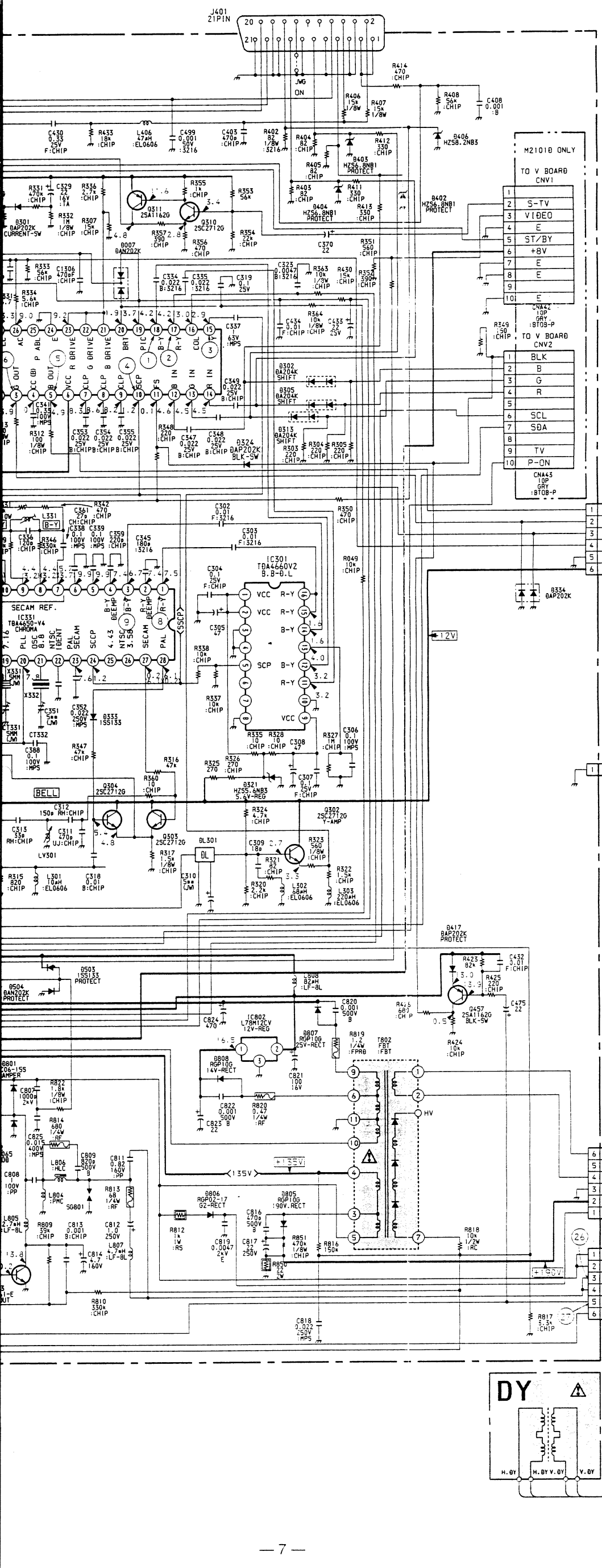
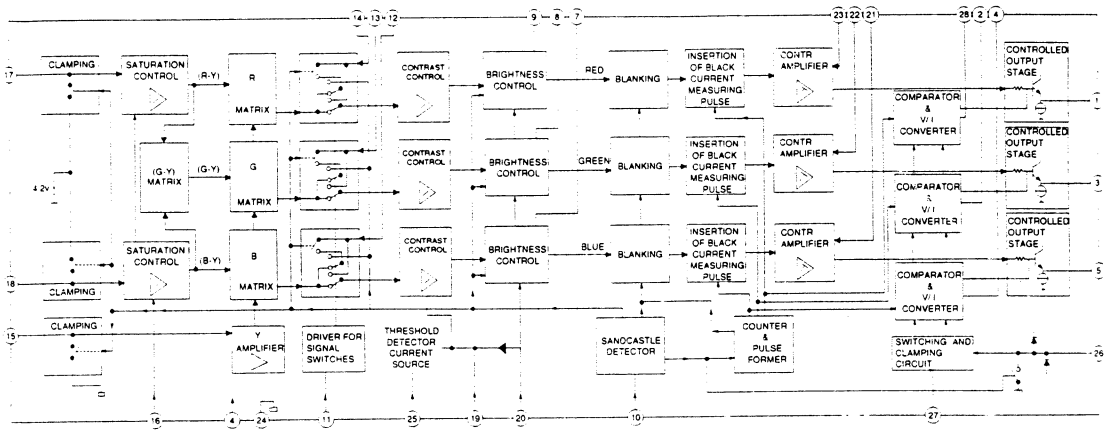
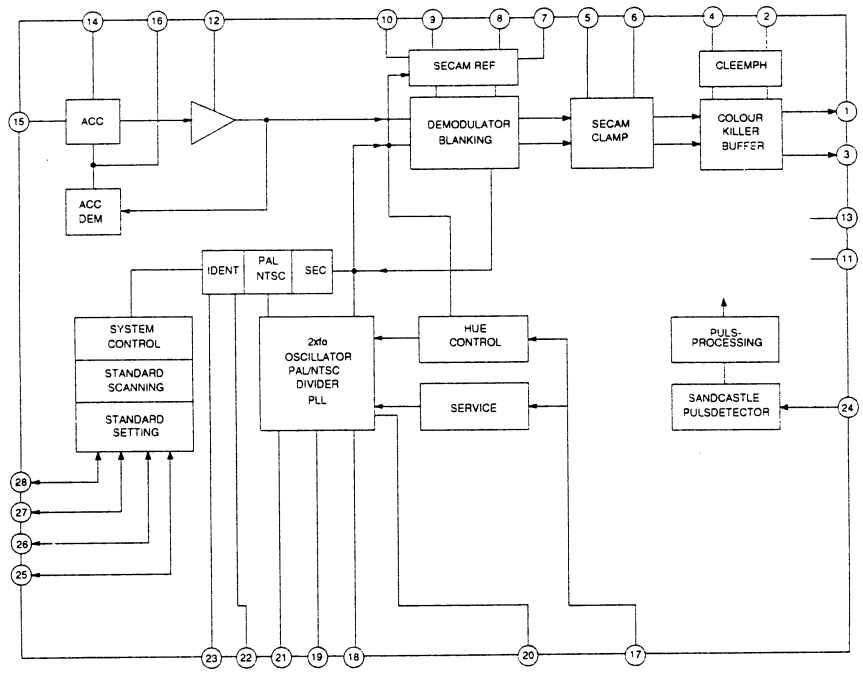
14
15
16
TU101 BT-3C301
U VC VH AGC VL 12V IF
SWF101
IF IN IF IN E IF OUT IF OUT
IC001 PCA84C840P-BE2A3 CONTROLLOR
IC002 L78L05B-MA 5V-REG
IC005 HZT33-02RE 30V-REG
IC201 T0A7245 AF.OUT
IC302 TBA3505-V1 INTERFACE
IC501 *PC1498H V.OUT
IC502 TDA8304B IF/JUNGLE
IC801 BA4558 PIN.OUT
IC102 T0A3827 FM.SIF
CHR.POS.
H-FREQ
H-CENT
V-SIZE
V.CENT
H.SIZE
PIN AMP
BOOST
JWM ON
AGC
50HZ
CNA21 2P GRY :MICRO
CNA22 3P WHT :S-MICRO
TO J BOARD CN2001
T604
T601 SRT
T602 SRT
T605 SRT
T606 SRT
SP EARTH
SP OUT
AUDIO IN
E SP



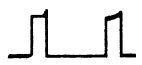
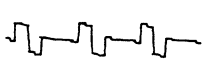
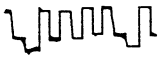
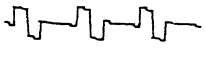
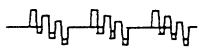
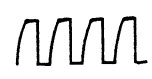
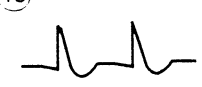
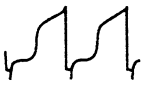
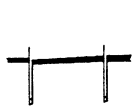
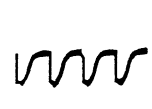
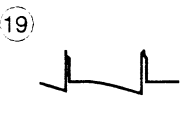
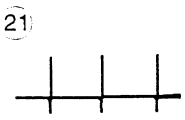
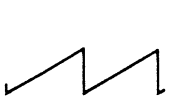
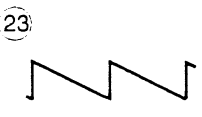
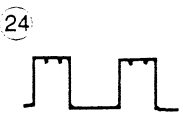
A Board IC302 TDA3505-V1

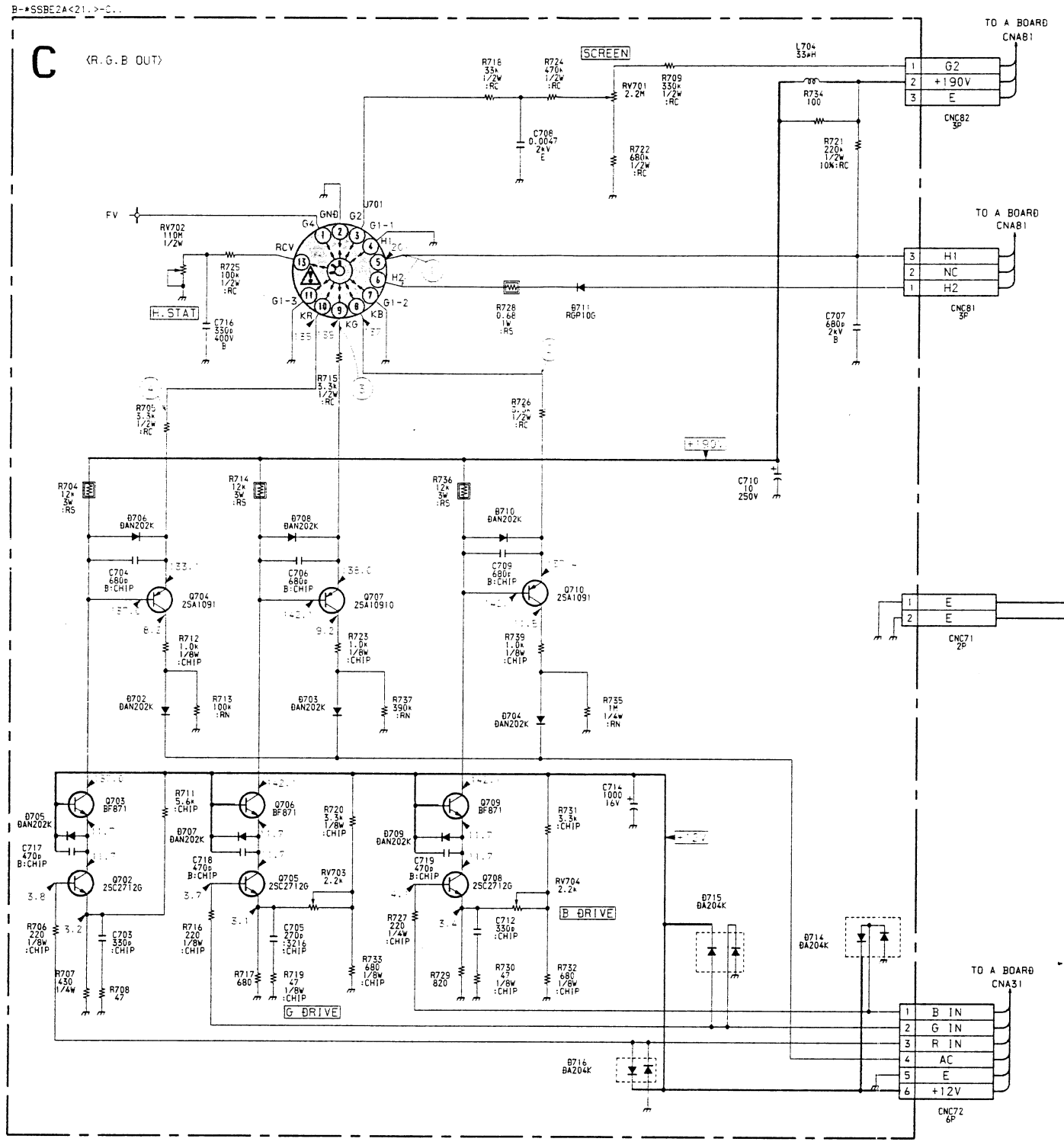


A Board IC331 TDA4650-V4

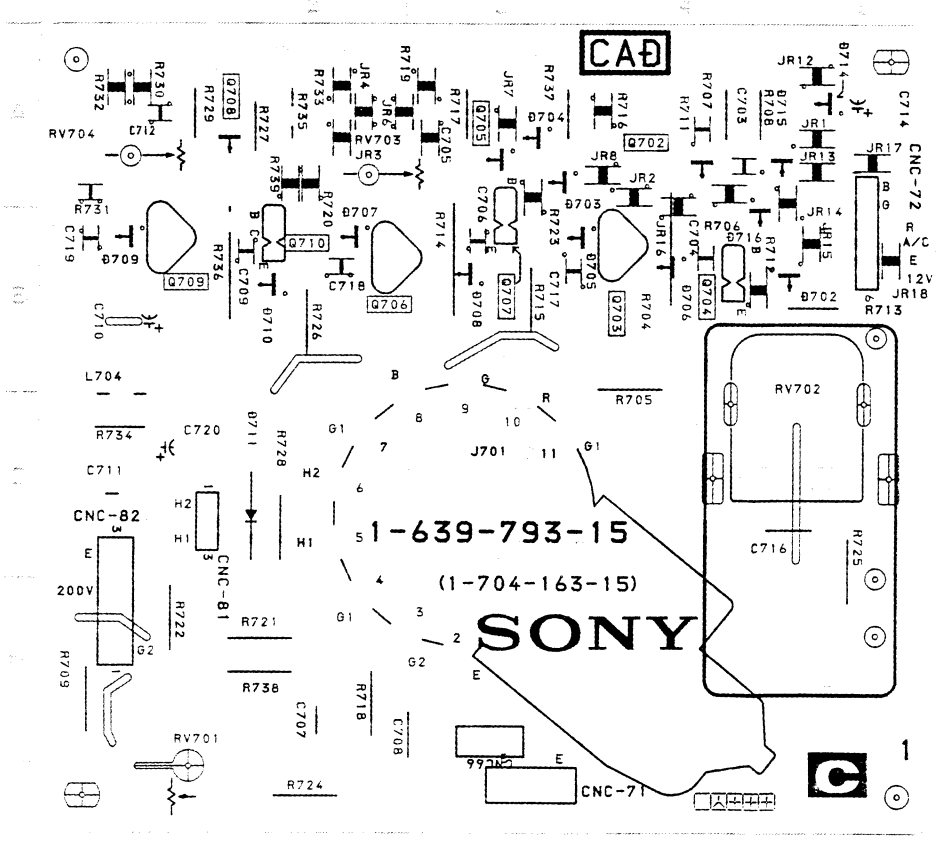


A BOARD WAVEFORMS

①  1.7 Vp-p (H)	②  1.2 Vp-p (H)	③ 0.38 Vp-p (H)	④ 9.0 Vp-p (H)
⑤  2.4 Vp-p (H)	⑥ 2.5 Vp-p (H)	⑦ 2.5 Vp-p (H)	⑧  0.6 Vp-p (H)
⑨  0.6 Vp-p (H)	⑩ 0.24 Vp-p (H)	⑪ 750 Vp-p (H)	⑫ 12 Vp-p (H)
⑬ 320 Vp-p (H)	⑭  1.5 Vp-p (H)	⑮  1.7 Vp-p (V)	⑯  2.5 Vp-p (V)
⑰  1.5 Vp-p (V)	⑱  2.2 Vp-p (V)	⑲  50 Vp-p (V)	⑳ 1.7 Vp-p (H)
㉑  5.2 Vp-p (V)	㉒  2.0 Vp-p (V)	㉓  2.2 Vp-p (H)	㉔  4.0 Vp-p (H)
㉕ 1.7 Vp-p (10MHz)	㉖ 200 Vp-p (H)	㉗ 4.2 Vp-p (V)	

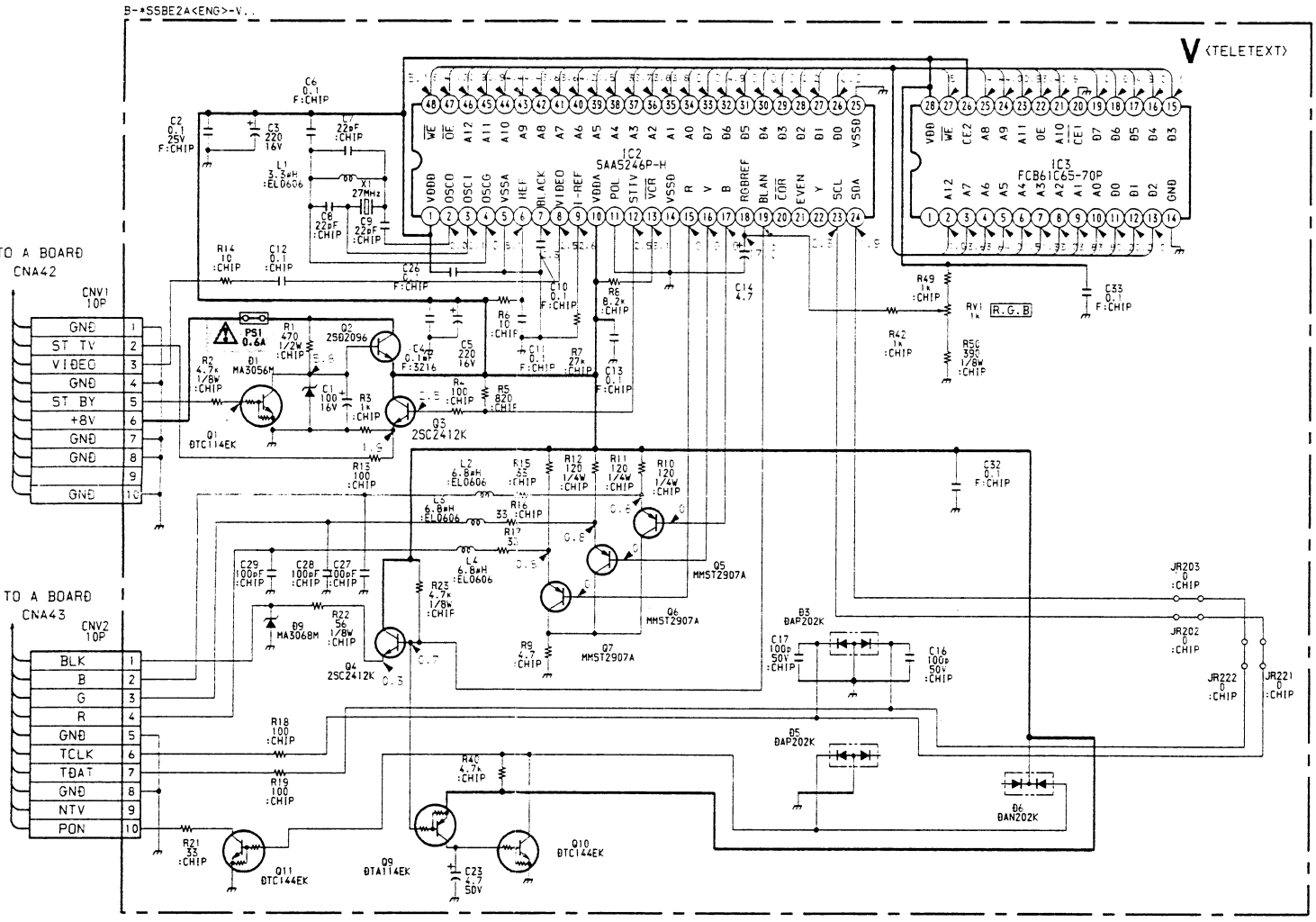


– C BOARD –

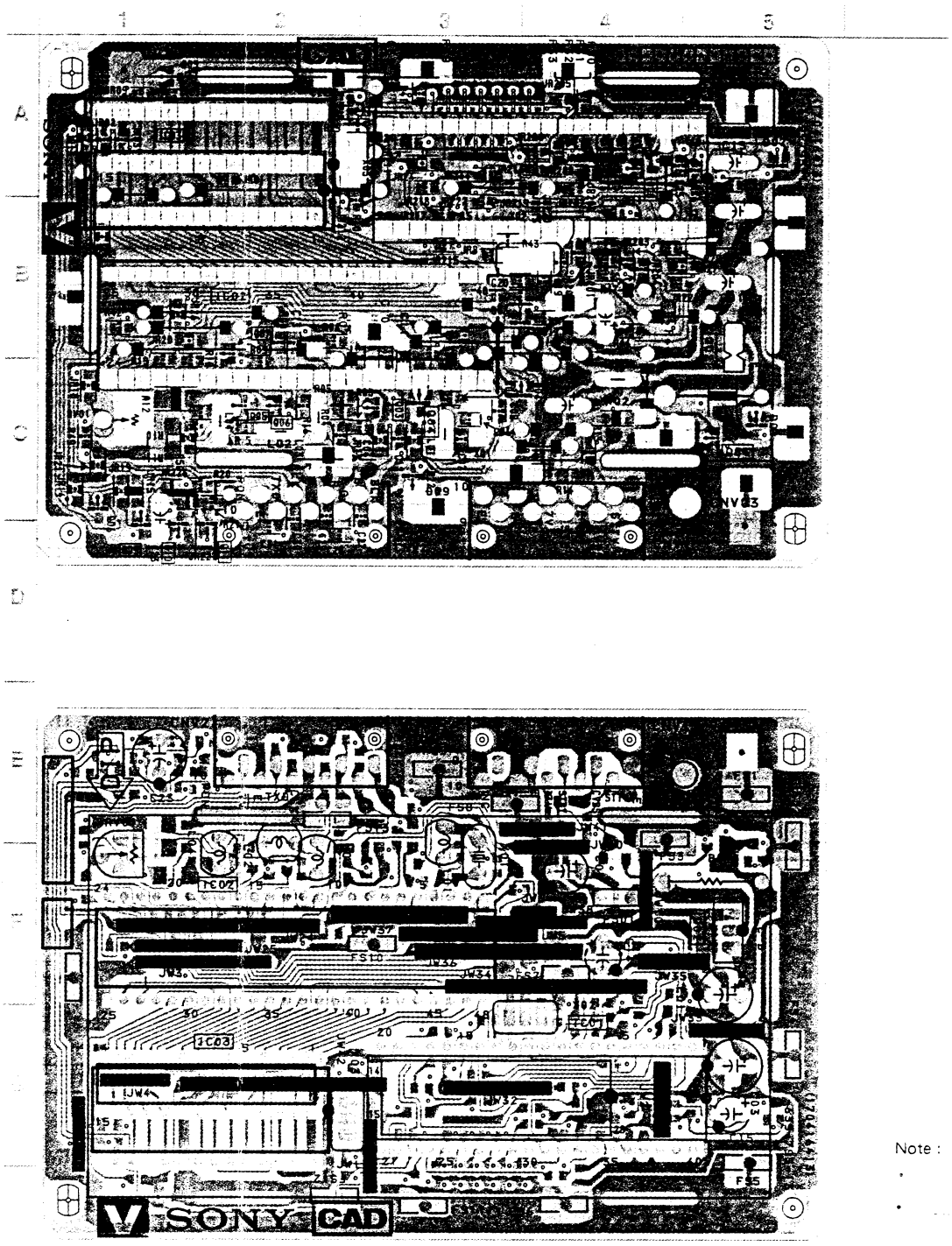


C BOARD WAVEFORMS

1 25 Vp-p (H)	2 68 Vp-p (H)	3 70 Vp-p
4 76 Vp-p (H)		

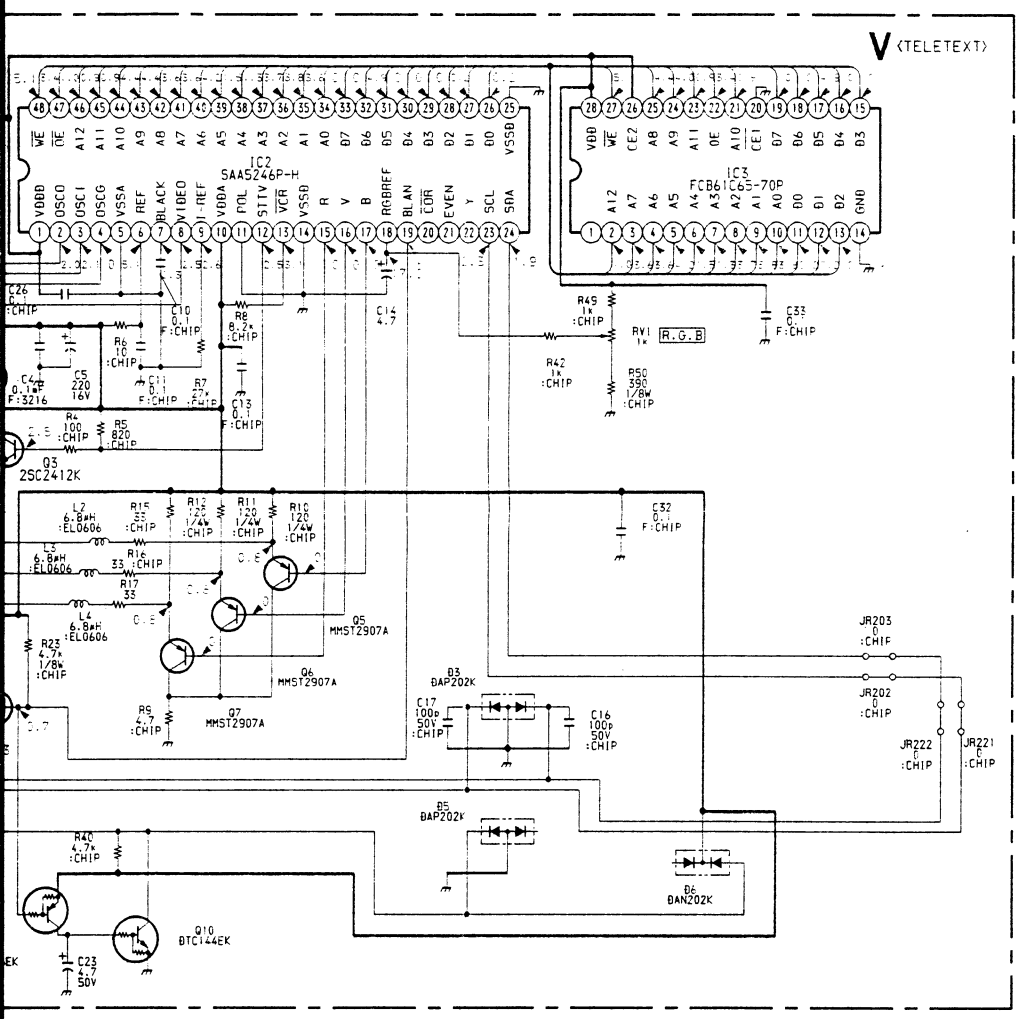


– V BOARD –

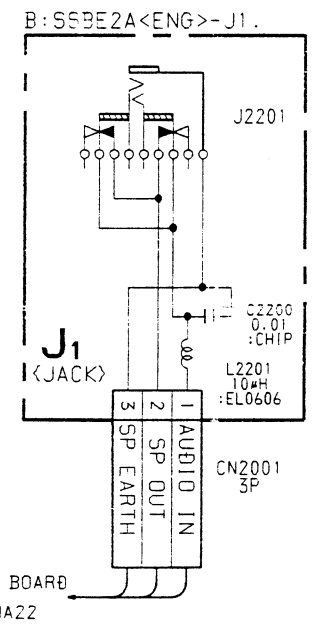


Note :

- : Pattern from the side which enables seeing.
- : Pattern of the rear side.

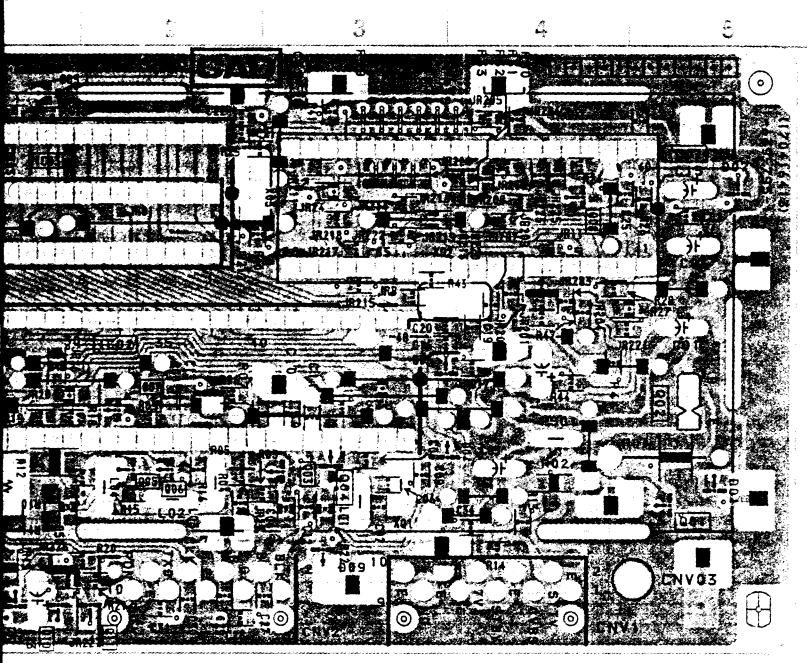


B:SSBE2A<ENG>-J1.

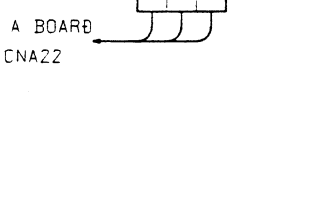


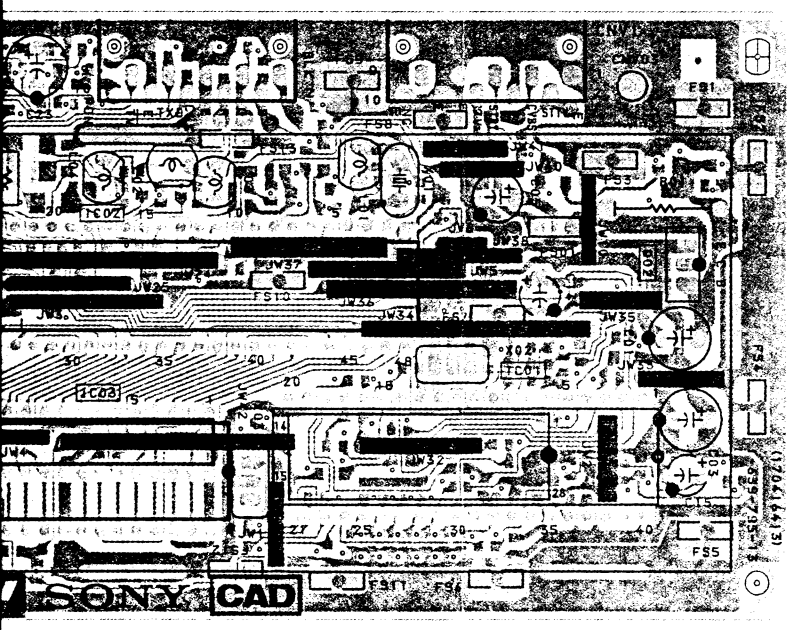
TO A BOARD
CNA22

– A BOARD –



– J1 BOARD –





Note :

- : Pattern from the side which enables seeing.
- : Pattern of the rear side.

SECTION 2

EXPLODED VIEWS

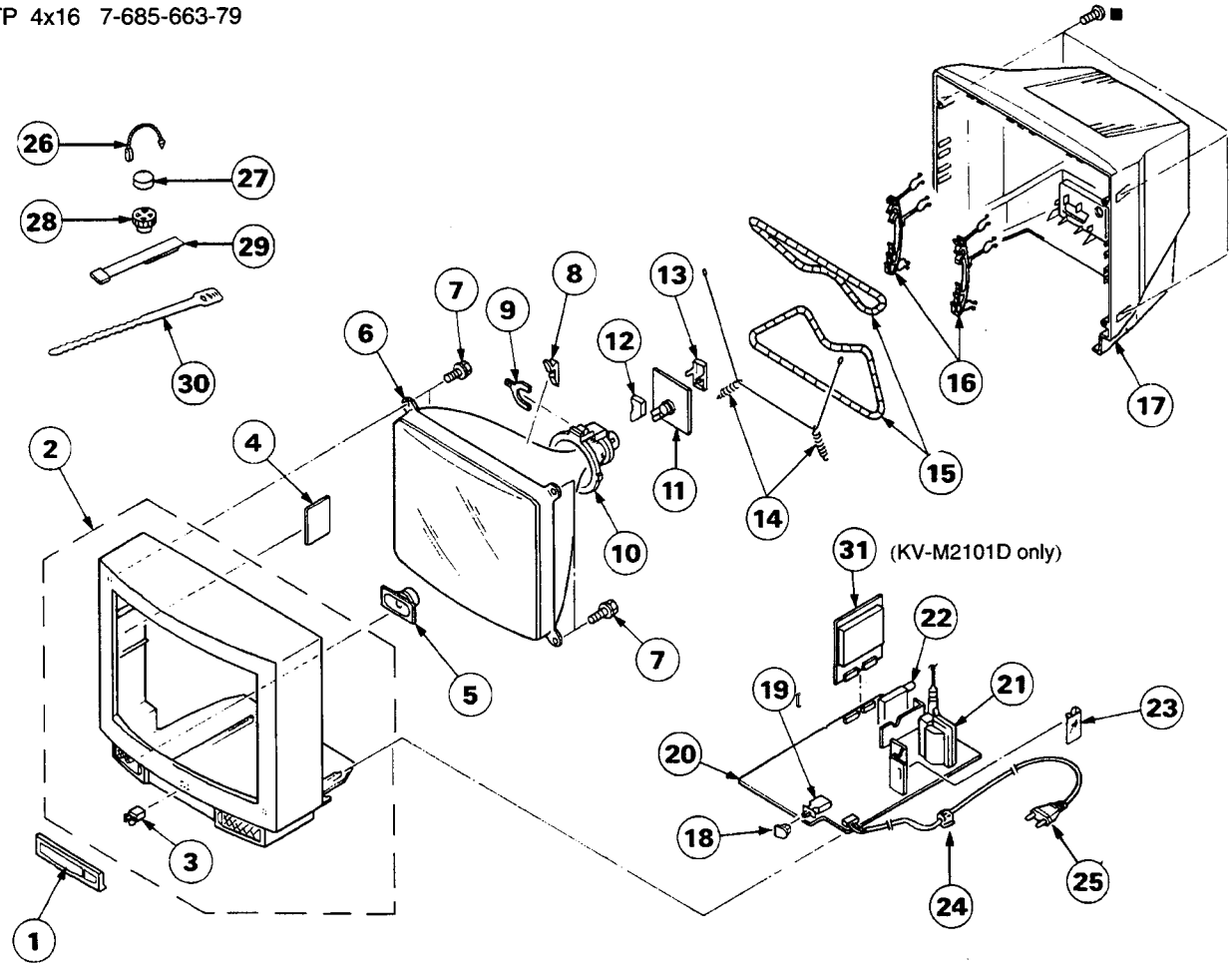
NOTE :

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remarks column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and marked ⚠ are critical for safety.
Replace only with part number specified.

2-1. CHASSIS

■ : BVTP 4x16 7-685-663-79



REF.NO.		PART NO	DESCRIPTION	REMARK
1		X-4200-129-1	DOOR ASSY	
2		X-4200-078-2	BEZNET ASSY	
3		4-392-036-01	CATCHER, PUSH	
4		*1-639-794-13	J1, BOARD	
5		1-503-258-21	SPEAKER	
6	⚠	8-738-758-05	PICTURE TUBE (A51JXH61X)	
7		4-036-189-01	SCREW [S], PT	
8		3-704-495-01	SPACER, DY	
9		1-452-277-00	MAGNET, BMC	
10	⚠	1-451-295-11	DEFLECTION YOLK, [Y21PFA2]	
11		*A-1638-017-A	C BOARD, COMPLETE	
12		*4-379-167-01	COVER [MAIN], CV VOL	
13		*4-379-160-01	COVER [REAR LID], CV VOL	
14		4-369-318-21	SPRING, TENSION	
15	⚠	1-426-383-11	COIL, DEGAUSSING	
16		*4-386-622-11	BAND, DGC	
17		4-202-732-01	COVER, REAR	
18		4-202-360-02	BUTTON, POWER	
19	⚠	1-571-433-11	SWITCH, PUSH [AC POWER]	
20		*A-1632-201-A	A BOARD, COMPLETE (KV-M2100D)	
		*A-1632-200-A	A BOARD, COMPLETE (KV-M2101D)	
21	⚠	1-439-416-51	TRANSFORMER ASSY, FLYBACK [UX-1650]	
22		1-465-541-14	TUNER [BT-3C 301]	
23		*4-200-400-01	PLATE, INSULATION	
24	⚠	4-389-201-11	HOLDER, AC CORD	
25	⚠	1-765-286-11	CORD, POWER [WITH NOISE FILTER]	
26		4-308-870-00	CLIP, LEAD WIRE	
27		1-452-032-00	MAGNET, DISK;10MMØ	
28		1-452-094-00	MAGNET, ROTATABLE DISK;15MMØ	
29		X-4309-608-0	PERMALLOY ASSY, CONVERGENCE	
30		3-701-007-00	BAND, BINDING	
31		*A-1645-018-A	V BOARD, COMPLETE (KV-M2101D)	

ELECTRICAL PARTS LIST

SECTION 3

The components identified by shading and marked ! are critical for safety.
Replace only with the part number specified.

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

- All resistors are in ohms
- F : nonflammable

When indicating parts by reference number, please include the board name.

CAPACITORS MF : mF, PF : mmF

COILS MMH : mH, μH : mH

A

REF.NO.	PART NO.	DESCRIPTION			REMARK
	*A-1632-201-A	A BOARD, COMPLETE (KV-M2100D)			
		**********			
	*A-1632-200-A	A BOARD, COMPLETE (KV-M2101D)			
		**********			
	4-200-399-11	SPACER, IC			
	4-200-407-01	HOLDER, LED			
TP15	*1-535-084-00	1P TERMINAL PIN			
		< CAPACITOR >			
C001	1-126-101-11	ELECT	100MF	20%	16V
C002	1-106-220-00	MYLAR	0.1MF	10%	100V
C003	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C004	1-126-962-11	ELECT	3.3MF	20%	50V
C005	1-126-103-11	ELECT	470MF	20%	16V
C006	1-163-105-00	CERAMIC CHIP	33PF	5%	50V
C007	1-124-907-11	ELECT	10MF	20%	50V
C009	1-124-907-11	ELECT	10MF	20%	50V
C010	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C012	1-126-337-11	ELECT	22MF	20%	50V
C018	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C020	1-124-903-11	ELECT	1MF	20%	50V
C021	1-124-907-11	ELECT	10MF	20%	50V
C023	1-124-907-11	ELECT	10MF	20%	50V
C024	1-124-907-11	ELECT	10MF	20%	50V
C025	1-124-916-11	ELECT	22MF	20%	50V
C026	1-124-903-11	ELECT	1MF	20%	50V
C030	1-124-903-11	ELECT	1MF	20%	50V
C037	1-163-034-00	CERAMIC CHIP	0.033MF		50V
C038	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C039	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C041	1-124-478-11	ELECT	100MF	20%	25V
C055	1-163-075-00	CERAMIC CHIP	0.047MF		50V
C058	1-163-077-00	CERAMIC CHIP	0.1MF	10%	25V
C059	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C062	1-126-101-11	ELECT	100MF	20%	16V
C063	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C101	1-124-477-11	ELECT	47MF	20%	16V
C102	1-124-910-11	ELECT	47MF	20%	50V
C103	1-163-105-00	CERAMIC CHIP	33PF	5%	50V
C104	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C105	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C106	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C107	1-124-477-11	ELECT	47MF	20%	16V
C112	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C114	1-163-109-00	CERAMIC CHIP	47PF	5%	50V
C115	1-163-031-11	CERAMIC CHIP	0.01MF		50V
C120	1-163-173-00	CERAMIC CHIP	47PF	5%	50V
C123	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C125	1-124-917-11	ELECT	33MF	20%	50V
C128	1-163-025-11	CERAMIC CHIP	0.001MF		50V
C130	1-136-171-00	FILM	0.33MF	5%	50V
C131	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C132	1-163-029-11	CERAMIC CHIP	0.0047MF		50V
C133	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C134	1-136-562-11	MYLAR	0.0082MF	10%	400V
C135	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C136	1-163-033-00	CERAMIC CHIP	0.022MF		50V
C138	1-216-295-00	METAL GLAZE	0	5%	1/10W
C139	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C140	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C141	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C142	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C143	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C144	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C145	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C146	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C147	1-163-809-11	CERAMIC CHIP	0.047MF	10%	25V
C148	1-164-665-11	CERAMIC CHIP	0.039MF	10%	50V
C149	1-124-119-00	ELECT	330MF	20%	16V
C151	1-124-907-11	ELECT	10MF	20%	50V
C154	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C157	1-124-927-11	ELECT	4.7MF	20%	50V
C163	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C201	1-124-916-11	ELECT	22MF	20%	50V
C202	1-124-925-11	ELECT	2.2MF	20%	50V
C203	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C204	1-124-480-11	ELECT	470MF	20%	25V
C206	1-163-011-11	CERAMIC CHIP	0.0015MF	10%	50V
C207	1-124-925-11	ELECT	2.2MF	20%	50V
C208	1-126-104-11	ELECT	470MF	20%	35V
C209	1-124-910-11	ELECT	47MF	20%	50V
C210	1-106-228-00	MYLAR	0.22MF	10%	100V
C302	1-163-059-00	CERAMIC CHIP	0.01MF		50V
C303	1-163-059-00	CERAMIC CHIP	0.01MF		50V
C304	1-163-038-11	CERAMIC CHIP	0.1MF		25V
C305	1-124-910-11	ELECT	47MF	20%	50V
C306	1-106-220-00	MYLAR	0.1MF	10%	100V
C307	1-163-038-11	CERAMIC CHIP	0.1MF		25V
C308	1-124-910-11	ELECT	47MF	20%	50V

The components identified by shading and marked ⚠ are critical for safety.
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REF.NO.	PART NO.	DESCRIPTION		REMARK
C309	1-163-099-00	CERAMIC CHIP 18PF	5%	50V
C311	1-163-133-00	CERAMIC CHIP 470PF	5%	50V
C312	1-163-121-00	CERAMIC CHIP 150PF	5%	50V
C313	1-163-105-00	CERAMIC CHIP 33PF	5%	50V
C314	1-163-103-00	CERAMIC CHIP 27PF	5%	50V
C316	1-163-377-11	CERAMIC CHIP 100PF	5%	50V
C317	1-163-093-00	CERAMIC CHIP 10PF	5%	50V
C318	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V
C319	1-163-038-11	CERAMIC CHIP 0.1MF		25V
C321	1-163-038-11	CERAMIC CHIP 0.1MF		25V
C323	1-163-055-00	CERAMIC CHIP 0.0047MF	10%	50V
C329	1-131-367-00	TANTALUM 22MF	10%	16V
C330	1-163-117-00	CERAMIC CHIP 100PF	5%	50V
C331	1-124-927-11	ELECT 4.7MF	20%	50V
C332	1-130-783-00	MYLAR 0.33MF	10%	100V
C333	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V
C334	1-163-063-00	CERAMIC CHIP 0.022MF	10%	50V
C335	1-163-063-00	CERAMIC CHIP 0.022MF	10%	50V
C336	1-163-119-00	CERAMIC CHIP 120PF	5%	50V
C337	1-130-834-00	MYLAR 1MF	10%	63V
C338	1-106-220-00	MYLAR 0.1MF	10%	100V
C339	1-106-220-00	MYLAR 0.1MF	10%	100V
C340	1-162-568-11	CERAMIC CHIP 0.33MF	10%	16V
C341	1-130-783-00	MYLAR 0.33MF	10%	100V
C343	1-106-383-00	MYLAR 0.047MF	10%	100V
C344	1-130-783-00	MYLAR 0.33MF	10%	100V
C345	1-163-187-00	CERAMIC CHIP 180PF	5%	50V
C346	1-163-033-00	CERAMIC CHIP 0.022MF		50V
C347	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V
C348	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V
C349	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V
C352	1-106-375-12	MYLAR 0.022MF	10%	250V
C353	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V
C354	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V
C355	1-163-037-11	CERAMIC CHIP 0.022MF	10%	25V
C356	1-163-237-11	CERAMIC CHIP 27PF	5%	50V
C357	1-163-031-11	CERAMIC CHIP 0.01MF		50V
C358	1-124-556-11	ELECT 2200MF	20%	16V
C359	1-163-125-00	CERAMIC CHIP 220PF	5%	50V
C360	1-124-903-11	ELECT 1MF	20%	50V
C361	1-163-237-11	CERAMIC CHIP 27PF	5%	50V
C367	1-163-031-11	CERAMIC CHIP 0.01MF		50V
C370	1-124-916-11	ELECT 22MF	20%	50V
C388	1-106-220-00	MYLAR 0.1MF	10%	100V
C401	1-124-910-11	ELECT 47MF	20%	50V
C403	1-163-133-00	CERAMIC CHIP 470PF	5%	50V
C404	1-163-031-11	CERAMIC CHIP 0.01MF		50V
C408	1-163-083-00	CERAMIC CHIP 1PF	0.25PF	50V
C430	1-164-336-11	CERAMIC CHIP 0.33MF		25V
C431	1-124-910-11	ELECT 47MF	20%	50V
C432	1-163-031-11	CERAMIC CHIP 0.01MF		50V
C433	1-126-233-11	ELECT 22MF	20%	25V
C434	1-163-031-11	CERAMIC CHIP 0.01MF		50V
C475	1-124-916-11	ELECT 22MF	20%	50V
C476	1-108-702-11	MYLAR 0.068MF	10%	100V
C490	1-124-910-11	ELECT 47MF	20%	50V
C499	1-163-205-00	CERAMIC CHIP 0.001MF	10%	50V
C500	1-163-112-00	CERAMIC CHIP 62PF	5%	50V
C501	1-163-181-00	CERAMIC CHIP 100PF	5%	50V
C502	1-163-005-11	CERAMIC CHIP 470PF	10%	50V
C503	1-163-181-00	CERAMIC CHIP 100PF	5%	50V
C504	1-124-122-11	ELECT 100MF	20%	50V
C505	1-124-916-11	ELECT 22MF	20%	50V
C506	1-106-228-00	MYLAR 0.22MF	10%	100V
C507	1-124-557-11	ELECT 1000MF	20%	25V
C508	1-163-117-00	CERAMIC CHIP 100PF	5%	50V
C509	1-162-568-11	CERAMIC CHIP 0.33MF	10%	16V
C510	1-163-081-00	CERAMIC CHIP 0.22MF		25V
C511	1-163-117-00	CERAMIC CHIP 100PF	5%	50V
C512	1-108-702-11	MYLAR 0.068MF	10%	100V
C513	1-124-927-11	ELECT 4.7MF	20%	50V
C514	1-136-298-00	FILM 0.0033MF	2%	100V
C515	1-163-035-00	CERAMIC CHIP 0.047MF		50V
C516	1-163-113-00	CERAMIC CHIP 68PF	5%	50V
C517	1-163-033-00	CERAMIC CHIP 0.022MF		50V
C520	1-163-033-00	CERAMIC CHIP 0.022MF		50V
C521	1-131-377-00	TANTALUM 10MF	10%	10V
C524	1-106-228-00	MYLAR 0.22MF	10%	100V
C525	1-108-702-11	MYLAR 0.068MF	10%	100V
C526	1-124-910-11	ELECT 47MF	20%	50V
C527	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V
C529	1-163-117-00	CERAMIC CHIP 100PF	5%	50V
C530	1-163-197-00	CERAMIC CHIP 470PF	5%	50V
C531	1-163-113-00	CERAMIC CHIP 68PF	5%	50V
C532	1-163-117-00	CERAMIC CHIP 100PF	5%	50V
C533	1-163-139-00	CERAMIC CHIP 820PF	5%	50V
C536	1-124-927-11	ELECT 4.7MF	20%	50V
C537	1-163-038-11	CERAMIC CHIP 0.1MF		25V
C540	1-163-111-00	CERAMIC CHIP 56PF	5%	50V
C601 ⚠	1-161-964-61	CERAMIC 0.0047MF		250V
C602 ⚠	1-161-964-61	CERAMIC 0.0047MF		250V
C603	1-162-599-12	CERAMIC 0.0047MF		250V
C604	1-125-318-00	ELECT(BLOCK) 220MF	20%	400V
C605	1-161-754-00	CERAMIC 0.001MF	10%	2KV
C606	1-136-207-11	FILM 0.047MF	10%	630V
C607	1-106-367-00	MYLAR 0.01MF	10%	400V
C608	1-161-753-00	CERAMIC 470PF	10%	3KV
C609	1-124-347-00	ELECT 100MF	20%	160V
C610	1-124-557-11	ELECT 1000MF	20%	25V
C612	1-102-228-00	CERAMIC 470PF	10%	500V
C614	1-126-101-11	ELECT 100MF	20%	16V
C618	1-124-916-11	ELECT 22MF	20%	50V
C621 ⚠	1-136-879-11	FILM 0.68MF	20%	300V
C623 ⚠	1-164-246-61	CERAMIC 0.0022MF	20%	400V
C625 ⚠	1-136-879-11	FILM 0.68MF	20%	300V
C631	1-163-125-00	CERAMIC CHIP 220PF	5%	50V
C632 ⚠	1-161-964-61	CERAMIC 0.0047MF		250V
C633	1-161-742-00	CERAMIC 0.0022MF	20%	400V
C698	1-162-115-00	CERAMIC 330PF	10%	2KV
C801	1-101-821-00	CERAMIC 0.0022MF		500V
C802	1-102-244-00	CERAMIC 220PF	10%	500V
C804	1-126-101-11	ELECT 100MF	20%	16V
C805	1-136-080-00	FILM 0.011MF	3%	2KV
C806	1-136-187-11	FILM 0.047MF	10%	250V
C807	1-161-754-00	CERAMIC 0.001MF	10%	2KV
C808	1-136-933-11	FILM 1MF	5%	100V
C809	1-102-212-00	CERAMIC 820PF	10%	500V
C811	1-136-540-11	FILM 0.82MF	5%	160V
C812	1-124-634-11	ELECT 1MF	20%	250V
C813	1-163-009-11	CERAMIC CHIP 0.001MF	10%	50V

The components identified by shading and marked ⚠ are critical for safety.
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REF.NO.	PART NO.	DESCRIPTION			REMARK
C814	1-126-542-11	ELECT	4.7MF	20%	160V
C815	1-124-916-11	ELECT	22MF	20%	50V
C816	1-102-228-00	CERAMIC	470PF	10%	500V
C817	1-123-948-00	ELECT	22MF	20%	250V
C818	1-106-375-12	MYLAR	0.022MF	10%	250V
C819	1-162-114-00	CERAMIC	0.0047MF		2KV
C820	1-162-318-11	CERAMIC	0.001MF	10%	500V
C821	1-126-101-11	ELECT	100MF	20%	16V
C822	1-162-318-11	CERAMIC	0.001MF	10%	500V
C823	1-126-337-11	ELECT	22MF	20%	50V
C824	1-124-913-11	ELECT	470MF	20%	50V
C825	1-136-204-11	MYLAR	0.015MF	10%	400V
C840	1-124-902-00	ELECT	0.47MF	20%	50V
C850	1-126-101-11	ELECT	100MF	20%	16V
C1306	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
		< FILTER >			
CD101	1-579-110-11	DISCRIMINATOR, CERAMIC			
CF501	1-404-801-11	TRAP, CERAMIC			
SWF101	1-579-120-11	FILTER, SURFACE WAVE			
XF501	1-527-840-00	FILTER, CERAMIC			
		< CONNECTOR >			
CNA21	*1-560-290-00	PLUG, CONNECTOR (2.5MM PITCH)			
CNA22	*1-568-878-51	PIN, CONNECTOR 3P			
CNA42	*1-565-394-11	PIN, BOARD TO BOARD CONNECTOR			(KV-M2101D)
CNA43	*1-565-394-11	PIN, BOARD TO BOARD CONNECTOR			(KV-M2101D)
CNA61 ⚠	1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P			
CNA62 ⚠	*1-580-844-11	PIN, CONNECTOR (POWER)			
CNA64	1-508-784-00	PIN, CONNECTOR (5MM PITCH) 1P			
CNA82	*1-580-798-11	CONNECTOR PIN (DY) 6P			
		<TRIMMER>			
CT332	1-141-418-11	CAP, ADJ			
		< DIODE >			
D002	8-719-920-55	DIODE SPR-54MVW			
D004	8-719-914-44	DIODE DAP202K			
D007	8-719-914-43	DIODE DAN202K			
D008	8-719-105-82	DIODE RD5.1M-B2			
D009	8-719-105-82	DIODE RD5.1M-B2			
D011	8-719-901-33	DIODE 1SS133			
D020	8-719-901-33	DIODE 1SS133			
D101	8-719-110-03	DIODE RD7.5ESB2			
D102	8-719-110-03	DIODE RD7.5ESB2			
D103	8-719-110-03	DIODE RD7.5ESB2			
D104	8-719-914-43	DIODE DAN202K			
D110	8-719-109-85	DIODE RD5.1ESB2			
D301	8-719-914-44	DIODE DAP202K			
D302	8-719-914-42	DIODE DA204K			
D303	8-719-914-44	DIODE DAP202K			
D305	8-719-914-42	DIODE DA204K			
D306	8-719-914-43	DIODE DAN202K			
D313	8-719-914-42	DIODE DA204K			
D321	8-719-109-89	DIODE RD5.6ESB2			
D324	8-719-914-44	DIODE DAP202K			
D333	8-719-901-33	DIODE 1SS133			
D334	8-719-914-44	DIODE DAP202K			
D402	8-719-109-97	DIODE RD6.8ESB2			
D403	8-719-109-97	DIODE RD6.8ESB2			
D404	8-719-109-97	DIODE RD6.8ESB2			
D405	8-719-110-09	DIODE RD8.2ESB3			
D406	8-719-110-09	DIODE RD8.2ESB3			
D411	8-719-109-97	DIODE RD6.8ESB2			
D417	8-719-914-44	DIODE DAP202K			
D418	8-719-914-44	DIODE DAP202K			
D426	8-719-901-33	DIODE 1SS133			
D427	8-719-901-33	DIODE 1SS133			
D501	8-719-950-57	DIODE BYD33G			
D503	8-719-901-33	DIODE 1SS133			
D504	8-719-914-43	DIODE DAN202K			
D519	8-719-914-43	DIODE DAN202K			
D601	8-719-510-53	DIODE D4SB60L			
D602	8-719-028-72	DIODE RGP02-17EL-6433			
D603	8-719-908-03	DIODE GP08D			
D604	8-719-928-08	DIODE ERD28-08S			
D605	8-719-950-57	DIODE BYD33G			
D606	8-719-980-78	DIODE ERA83-006			
D607	8-719-950-57	DIODE BYD33G			
D608	8-719-950-57	DIODE BYD33G			
D609	8-719-908-03	DIODE GP08D			
D610	8-719-908-03	DIODE GP08D			
D611	8-719-312-39	DIODE R2K-V1			
D801	8-719-945-80	DIODE ERC06-15S			
D802	8-719-928-08	DIODE ERD28-08S			
D803	8-719-950-57	DIODE BYD33G			
D805	8-719-950-57	DIODE BYD33G			
D806	8-719-028-72	DIODE RGP02-17EL-6433			
D807	8-719-950-57	DIODE BYD33G			
D808	8-719-950-57	DIODE BYD33G			
D809	8-719-914-43	DIODE DAN202K			
D820	8-719-901-33	DIODE 1SS133			
		< DELAY LINE >			
DL301	1-236-062-11	MODULE, Y DELAY LINE			
		< FUSE >			
F601 ⚠	1-576-231-21	FUSE (H.B.C.) 4A/250V			
	1-533-230-11	HOLDER, FUSE (F601)			
		< IC >			
IC001	8-759-199-00	IC PCA84C840P-016A			
IC002	8-759-168-37	IC ST24C01B1			
IC003	8-741-139-80	IC BX-1398			
IC004	8-759-805-37	IC L78LR05D-MA			
IC005	8-759-157-40	DIODE UPC574J			
IC102	8-759-044-41	IC TDA3827/V3			
IC201	8-759-502-74	IC TDA7245			
IC301	8-759-084-91	IC TDA4661/V2			
IC302	8-759-257-53	IC TDA3508/V2			
IC331	8-759-521-22	IC TDA4650/V4			
IC501	8-759-801-98	IC LA7830			
	*4-389-343-11	SPRING, IC (IC501)			
IC502	8-759-515-72	IC TDA8304			
IC601	8-749-901-65	IC STR54041			
IC801	8-759-145-58	IC UPC4558C			
IC802	8-759-604-39	IC M5F78M12L			
	*4-389-343-11	SPRING, IC (IC802)			

The components identified by shading and marked ! are critical for safety.
Replace only with the part number specified.

A

REF.NO.	PART NO.	DESCRIPTION	REMARK
		< JACK >	
J401	1-561-534-00	SOCKET, PIN 21P	
		< COIL >	
L001	1-408-409-00	INDUCTOR 10UH	
L102	1-408-409-00	INDUCTOR 10UH	
L103	1-408-399-00	INDUCTOR 1.5UH	
L105	1-408-409-00	INDUCTOR 10UH	
L106	1-408-609-41	INDUCTOR 33UH	
L107	1-408-410-00	INDUCTOR 12UH	
L301	1-408-409-00	INDUCTOR 10UH	
L302	1-408-419-00	INDUCTOR 68UH	
L303	1-408-425-00	INDUCTOR 220UH	
L331	1-404-554-11	COIL	
L406	1-408-417-00	INDUCTOR 47UH	
L501	1-404-493-00	COIL	
L502	1-408-408-00	INDUCTOR 8.2UH	
L506	1-408-411-00	INDUCTOR 15UH	
L801	1-407-365-00	COIL,CHOKE	
L802	1-420-872-00	COIL, AIR CORE	
L804	1-459-390-00	COIL (WITH CORE)	
L805	1-459-105-21	COIL(WITH CORE)	
L806	1-459-652-12	HLC	
L807	1-408-239-00	INDUCTOR 4.7MMH	
L808	1-408-226-00	INDUCTOR 82UH	
		< VARIABLE COIL >	
LV301	1-404-554-11	COIL	
		< IC LINK >	
PS801 !	1-532-637-00	LINK, IC (ICP-M25) 1A	
		< TRANSISTOR >	
Q001	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q003	8-729-901-01	TRANSISTOR DTC144EK	
Q004	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q005	8-729-923-54	TRANSISTOR DTA143TK	
Q006	8-729-922-66	TRANSISTOR 2SC2410SN	
Q007	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q015	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q016	8-729-901-47	TRANSISTOR DTA143EK	
Q017	8-729-216-22	TRANSISTOR 2SA1162-G	
Q019	8-729-901-06	TRANSISTOR DTA144EK	
Q020	8-729-901-00	TRANSISTOR DTC124EK	
Q101	8-729-901-47	TRANSISTOR DTA143EK	
Q102	8-729-901-47	TRANSISTOR DTA143EK	
Q103	8-729-901-47	TRANSISTOR DTA143EK	
Q104	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q106	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q107	8-729-216-22	TRANSISTOR 2SA1162-G	
Q112	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q114	8-729-901-00	TRANSISTOR DTC124EK	
Q115	8-729-901-00	TRANSISTOR DTC124EK	
Q141	8-729-014-99	TRANSISTOR BF959-AMMO	
Q302	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q303	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q304	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q305	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q307	8-729-216-22	TRANSISTOR 2SA1162-G	
Q310	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q311	8-729-216-22	TRANSISTOR 2SA1162-G	
Q401	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q457	8-729-216-22	TRANSISTOR 2SA1162-G	
Q504	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q505	8-729-216-22	TRANSISTOR 2SA1162-G	
Q601	8-729-906-74	TRANSISTOR BC637-16	
	*4-389-343-11	SPRING, IC (Q601)	
Q801	8-729-119-80	TRANSISTOR 2SC2688-LK	
Q802	8-729-022-87	TRANSISTOR BU508AS2H	
	*4-389-343-11	SPRING, IC (Q802)	
Q803	8-729-202-03	TRANSISTOR 2SD1408-Y	
	*4-389-343-11	SPRING, IC (Q803)	
		< RESISTOR >	
JR53	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR99	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR002	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR003	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR004	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR005	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR006	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR009	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR010	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR011	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR012	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR014	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR015	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR016	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR017	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR018	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR019	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR020	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR026	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR028	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR029	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR030	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR034	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR036	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR037	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR038	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR039	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR040	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR041	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR045	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR050	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR052	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR056	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR057	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR058	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR060	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR070	1-216-295-00	METAL GLAZE 0 5% 1/10W	
JR101	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR102	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR103	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR104	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR105	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR106	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR107	1-216-296-00	METAL GLAZE 0 5% 1/8W	
JR108	1-216-296-00	METAL GLAZE 0 5% 1/8W	

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REF.NO.	PART NO.	DESCRIPTION			REMARK
JR109	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR110	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR111	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR113	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR117	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR118	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR123	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR125	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR126	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR127	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR128	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR129	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR130	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR131	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR133	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR134	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR135	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR137	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR139	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR140	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR144	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR147	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR148	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR149	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR150	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR155	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR156	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR157	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR182	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR183	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR184	1-216-296-00	METAL GLAZE	0	5%	1/8W
R001	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R002	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R003	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R004	1-216-083-00	METAL GLAZE	27K	5%	1/10W
R005	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W
R006	1-216-254-00	METAL GLAZE	220K	5%	1/8W
R007	1-216-190-00	METAL GLAZE	470	5%	1/8W
R008	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R009	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R010	1-216-198-91	METAL GLAZE	1K	5%	1/8W
R011	1-216-035-00	METAL GLAZE	270	5%	1/10W
R012	1-216-248-00	METAL GLAZE	120K	5%	1/8W
R013	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R014	1-216-689-11	METAL GLAZE	39K	5%	1/10W
R015	1-216-230-00	METAL GLAZE	22K	5%	1/8W
R016	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R017	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R018	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R019	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R020	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R021	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R022	1-216-198-91	METAL GLAZE	1K	5%	1/8W
R023	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W
R024	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R025	1-216-095-00	METAL GLAZE	82K	5%	1/10W
R026	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R028	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R029	1-216-041-00	METAL GLAZE	470	5%	1/10W
R030	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R031	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R032	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R033	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R034	1-216-238-91	METAL GLAZE	47K	5%	1/8W
R035	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R038	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R040	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R041	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R042	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R043	1-215-900-11	METAL OXIDE	22K	5%	2W
R044	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R045	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R046	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R047	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R048	1-216-202-00	METAL GLAZE	1.5K	5%	1/8W
R049	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R050	1-216-250-00	METAL GLAZE	150K	5%	1/8W
R051	1-216-295-00	METAL GLAZE	0	5%	1/10W
R052	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R053	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R054	1-249-395-11	CARBON	15	5%	1/4W
R055	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R056	1-216-041-00	METAL GLAZE	470	5%	1/10W
R058	1-249-434-11	CARBON	27K	5%	1/4W
R059	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R060	1-216-234-00	METAL GLAZE	33K	5%	1/8W
R061	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R062	1-216-242-91	METAL GLAZE	68K	5%	1/8W
R064	1-216-095-00	METAL GLAZE	82K	5%	1/10W
R075	1-216-248-00	METAL GLAZE	120K	5%	1/8W
R076	1-216-198-91	METAL GLAZE	1K	5%	1/8W
R077	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R078	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R079	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R081	1-216-198-91	METAL GLAZE	1K	5%	1/8W
R082	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R083	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R084	1-216-066-00	METAL GLAZE	5.1K	5%	1/10W
R087	1-216-027-00	METAL GLAZE	120	5%	1/10W
R094	1-216-077-00	METAL GLAZE	15K	5%	1/10W
R095	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R096	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R097	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R099	1-216-228-00	METAL GLAZE	18K	5%	1/8W
R100	1-216-017-00	METAL GLAZE	47	5%	1/10W
R101	1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R102	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R103	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R104	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R105	1-216-109-00	METAL GLAZE	330K	5%	1/10W
R106	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R107	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R108	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R109	1-216-190-00	METAL GLAZE	470	5%	1/8W
R110	1-249-437-11	CARBON	47K	5%	1/4W
R111	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R112	1-249-411-11	CARBON	330	5%	1/4W
R113	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R114	1-216-238-91	METAL GLAZE	47K	5%	1/8W
R115	1-216-045-00	METAL GLAZE	680	5%	1/10W

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REF.NO.	PART NO.	DESCRIPTION				REMARK
R116	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R118	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R119	1-216-045-00	METAL GLAZE	680	5%	1/10W	
R130	1-249-409-11	CARBON	220	5%	1/4W	
R131	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R132	1-216-295-00	METAL GLAZE	0	5%	1/10W	
R136	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R138	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R139	1-216-295-00	METAL GLAZE	0	5%	1/10W	
R140	1-216-045-00	METAL GLAZE	680	5%	1/10W	
R141	1-216-029-00	METAL GLAZE	150	5%	1/10W	
R142	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W	
R143	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R144	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R147	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R148	1-216-017-00	METAL GLAZE	47	5%	1/10W	
R149	1-216-182-91	METAL GLAZE	220	5%	1/8W	
R151	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R152	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	
R153	1-215-867-00	METAL OXIDE	470	5%	1W	
R199	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R201	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R202	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R203	1-216-298-00	METAL GLAZE	2.2	5%	1/10W	
R204	1-247-741-11	CARBON	150	5%	1/2W	
R205	1-216-083-00	METAL GLAZE	27K	5%	1/10W	
R206	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R207	1-216-298-00	METAL GLAZE	2.2	5%	1/10W	
R303	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R304	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R305	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R306	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W	
R307	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R308	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R309	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W	
R310	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R311	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	
R312	1-216-174-00	METAL GLAZE	100	5%	1/8W	
R313	1-216-174-00	METAL GLAZE	100	5%	1/8W	
R314	1-216-025-00	METAL GLAZE	100	5%	1/10W	
R315	1-216-047-00	METAL GLAZE	820	5%	1/10W	
R316	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R317	1-216-202-00	METAL GLAZE	1.5K	5%	1/8W	
R320	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R321	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R322	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
R323	1-216-192-00	METAL GLAZE	560	5%	1/8W	
R324	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W	
R325	1-249-410-11	CARBON	270	5%	1/4W	
R326	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R327	1-216-121-00	METAL GLAZE	1M	5%	1/10W	
R328	1-216-001-00	METAL GLAZE	10	5%	1/10W	
R329	1-216-109-00	METAL GLAZE	330K	5%	1/10W	
R330	1-216-244-00	METAL GLAZE	82K	5%	1/8W	
R331	1-216-113-00	METAL GLAZE	470K	5%	1/10W	
R332	1-216-270-00	METAL GLAZE	1M	5%	1/8W	
R333	1-216-091-00	METAL GLAZE	56K	5%	1/10W	
R334	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W	
R335	1-216-001-00	METAL GLAZE	10	5%	1/10W	
R336	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W	
R337	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R338	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R341	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	
R342	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R346	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R347	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R348	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R349	1-216-029-00	METAL GLAZE	150	5%	1/10W	
R350	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R351	1-216-043-00	METAL GLAZE	560	5%	1/10W	
R352	1-216-039-00	METAL GLAZE	390	5%	1/10W	
R353	1-249-438-11	CARBON	56K	5%	1/4W	
R354	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R355	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R356	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R357	1-216-039-00	METAL GLAZE	390	5%	1/10W	
R360	1-216-001-00	METAL GLAZE	10	5%	1/10W	
R363	1-216-222-00	METAL GLAZE	10K	5%	1/8W	
R364	1-216-222-00	METAL GLAZE	10K	5%	1/8W	
R399	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R402	1-216-172-00	METAL GLAZE	82	5%	1/8W	
R403	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R404	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R405	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R406	1-216-226-00	METAL GLAZE	15K	5%	1/8W	
R407	1-216-226-00	METAL GLAZE	15K	5%	1/8W	
R408	1-216-091-00	METAL GLAZE	56K	5%	1/10W	
R409	1-216-023-00	METAL GLAZE	82	5%	1/10W	
R411	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R412	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R413	1-216-037-00	METAL GLAZE	330	5%	1/10W	
R414	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R420	1-216-182-91	METAL GLAZE	220	5%	1/8W	
R423	1-216-095-00	METAL GLAZE	82K	5%	1/10W	
R424	1-216-222-00	METAL GLAZE	10K	5%	1/8W	
R425	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R426	1-216-045-00	METAL GLAZE	680	5%	1/10W	
R427	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R428	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R430	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R432	1-249-403-11	CARBON	68	5%	1/4W	
R433	1-216-079-00	METAL GLAZE	18K	5%	1/10W	
R434	1-216-029-00	METAL GLAZE	150	5%	1/10W	
R435	1-216-033-00	METAL GLAZE	220	5%	1/10W	
R436	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R437	1-216-085-00	METAL GLAZE	33K	5%	1/10W	
R501	1-216-214-00	METAL GLAZE	4.7K	5%	1/8W	
R502	1-247-743-11	CARBON	220	5%	1/2W	
R503	1-249-437-11	CARBON	47K	5%	1/4W	
R504	1-216-017-00	METAL GLAZE	47	5%	1/10W	
R505	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R507	1-216-350-11	METAL OXIDE	1.2	5%	1W	F
R508	1-215-867-00	METAL OXIDE	470	5%	1W	
R510	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	
R511	1-216-244-00	METAL GLAZE	82K	5%	1/8W	
R512	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R513	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
R514	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	
R515	1-216-683-11	METAL CHIP	22K	0.50%	1/10W	
R516	1-216-095-00	METAL GLAZE	82K	5%	1/10W	

The components identified by shading and marked ! are critical for safety.
Replace only with the part number specified.

A C

REF.NO.		PART NO.	DESCRIPTION			REMARK
R517		1-216-031-00	METAL GLAZE	180	5%	1/10W
R518		1-216-033-00	METAL GLAZE	220	5%	1/10W
R519		1-216-049-00	METAL GLAZE	1K	5%	1/10W
R520		1-216-258-00	METAL GLAZE	330K	5%	1/8W
R521		1-216-053-00	METAL GLAZE	1.5K	5%	1/10W
R522		1-215-863-11	METAL OXIDE	100	5%	1W
R523		1-247-754-11	CARBON	1.5K	5%	1/2W
R524		1-216-099-00	METAL GLAZE	120K	5%	1/10W
R525		1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R527		1-215-869-11	METAL OXIDE	1K	5%	1W
R532		1-216-081-00	METAL GLAZE	22K	5%	1/10W
R533		1-216-133-00	METAL GLAZE	3.3M	5%	1/10W
R534		1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R535		1-216-107-00	METAL GLAZE	270K	5%	1/10W
R539		1-216-049-00	METAL GLAZE	1K	5%	1/10W
R542		1-216-025-00	METAL GLAZE	100	5%	1/10W
R543		1-249-408-11	CARBON	180	5%	1/4W
R545		1-216-286-00	METAL GLAZE	4.7M	5%	1/8W
R548		1-216-049-00	METAL GLAZE	1K	5%	1/10W
R601	!	1-205-909-11	WIREWOUND	3.3	5%	10W
R602		1-214-923-00	CARBON	270K	5%	1/2W
R603		1-215-903-11	METAL OXIDE	68K	5%	2W
R604		1-247-752-11	CARBON	1K	5%	1/2W
R606		1-212-877-11	FUSIBLE	68	5%	1/4W
R607		1-249-430-11	CARBON	12K	5%	1/4W
R608		1-215-884-11	METAL OXIDE	47	5%	2W
R609		1-207-905-00	WIREWOUND	0.27	10%	2W
R611		1-214-915-00	CARBON	120K	5%	1/2W
R612		1-219-137-11	FUSIBLE	0.33	5%	1/4W
R613		1-217-811-11	FUSIBLE	0.47	5%	1/4W
R614		1-216-037-00	METAL GLAZE	330	5%	1/10W
R615		1-216-013-00	METAL GLAZE	33	5%	1/10W
R617		1-216-354-11	METAL OXIDE	2.7	5%	1W F
R620		1-216-465-11	METAL OXIDE	27K	5%	2W
R621		1-216-465-11	METAL OXIDE	27K	5%	2W
R626		1-216-238-91	METAL GLAZE	47K	5%	1/8W
R627		1-216-238-91	METAL GLAZE	47K	5%	1/8W
R628		1-218-265-11	METAL GLAZE	8.2M	5%	1W
R629		1-213-096-00	FUSIBLE	330	5%	1W F
R801		1-217-778-11	FUSIBLE	1K	5%	1W F
R802		1-217-819-11	FUSIBLE	2.7K	5%	1/4W
R803		1-216-352-11	METAL OXIDE	1.8	5%	1W F
R804		1-216-013-00	METAL GLAZE	33	5%	1/10W
R805		1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R806		1-216-049-00	METAL GLAZE	1K	5%	1/10W
R807		1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R808		1-216-091-00	METAL GLAZE	56K	5%	1/10W
R809		1-216-689-11	METAL GLAZE	39K	5%	1/10W
R810		1-216-109-00	METAL GLAZE	330K	5%	1/10W
R811		1-216-069-00	METAL GLAZE	6.8K	5%	1/10W
R812		1-217-778-11	FUSIBLE	1K	5%	1W F
R813		1-212-877-11	FUSIBLE	68	5%	1/4W
R814		1-215-868-00	METAL OXIDE	680	5%	1W F
R816		1-247-883-00	CARBON	150K	5%	1/4W
R817		1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R818		1-202-830-00	SOLID	10K	10%	1/2W
R819		1-249-448-11	CARBON	1.2	5%	1/4W F
R820		1-217-811-11	FUSIBLE	0.47	5%	1/4W
R821		1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R822		1-216-204-00	METAL GLAZE	1.8K	5%	1/8W
R823		1-216-077-00	METAL GLAZE	15K	5%	1/10W
R826		1-216-025-00	METAL GLAZE	100	5%	1/10W
R827		1-216-081-00	METAL GLAZE	22K	5%	1/10W
R830		1-216-192-00	METAL GLAZE	560	5%	1/8W
R850		1-215-882-00	METAL OXIDE	22	5%	2W F
R851		1-216-262-00	METAL GLAZE	470K	5%	1/8W
			< VARIABLE RESISTOR >			
RV001		1-241-761-11	RES, ADJ, CARBON 1K			
RV331		1-241-761-11	RES, ADJ, CARBON 1K			
RV501		1-241-630-11	RES, ADJ, CARBON 10K			
RV502		1-226-703-11	RES, ADJ, METAL GLAZE 10K			
RV503		1-238-019-11	RES, ADJ, CARBON 47K			
RV504		1-238-019-11	RES, ADJ, CARBON 47K			
RV505		1-241-759-21	RES, ADJ, CARBON 220			
RV801		1-241-763-11	RES, ADJ, CARBON 4.7K			
RV802		1-238-019-11	RES, ADJ, CARBON 47K			
			< SWITCH >			
S001		1-571-532-21	SWITCH, TACTIL			
S002		1-571-532-21	SWITCH, TACTIL			
S003		1-571-532-21	SWITCH, TACTIL			
S601	!	1-571-433-11	SWITCH, PUSH (AC POWER)			
			< SPARK GAP >			
SG801		1-519-422-11	GAP, SPARK			
			< TRANSFORMER >			
T601	!	1-449-275-21	S.R.T			
T603	!	1-421-776-11	LFT			
T604	!	1-424-078-11	TRANSFORMER, TRIGGER PULSE			
T605	!	1-424-391-11	TRANSFORMER, LINE FILTER			
T801		1-437-090-00	HDT			
T802	!	1-439-416-51	TRANSFORMER ASSY, FLYBACK (UX-1650)			
			< THERMISTOR >			
THP601	!	1-808-059-31	THERMISTOR, POSITIVE			
			< TUNER >			
TU101		1-465-541-14	TUNER (BT-3C 301)			
			< CRYSTAL >			
X001		1-577-619-11	VIBRATOR, CRYSTAL			
X332		1-567-131-00	OSCILLATOR, CRYSTAL			
**********						
		*A-1638-017-A	C BOARD, COMPLETE			
			**********			
		*4-379-160-01	COVER (REAR LID), CV			
		*4-379-167-01	COVER (MAIN), CV			
			< CAPACITOR >			
C703		1-163-129-00	CERAMIC CHIP	330PF	5%	50V
C704		1-163-007-11	CERAMIC CHIP	680PF	10%	50V
C705		1-163-191-00	CERAMIC CHIP	270PF	5%	50V
C706		1-163-007-11	CERAMIC CHIP	680PF	10%	50V
C707		1-162-116-00	CERAMIC	680PF	10%	2KV
C708		1-162-114-00	CERAMIC	0.0047MF		2KV

The components identified by shading and marked ⚠ are critical for safety.
Replace only with the part number specified.

C V

REF.NO.	PART NO.	DESCRIPTION			REMARK
C709	1-163-007-11	CERAMIC CHIP 680PF	10%	50V	
C710	1-123-947-00	ELECT 10MF	20%	250V	
C712	1-163-129-00	CERAMIC CHIP 330PF	5%	50V	
C714	1-124-360-00	ELECT 1000MF	20%	16V	
C716	1-162-622-11	CERAMIC 330PF	10%	400V	
C717	1-163-005-11	CERAMIC CHIP 470PF	10%	50V	
C718	1-163-005-11	CERAMIC CHIP 470PF	10%	50V	
C719	1-163-005-11	CERAMIC CHIP 470PF	10%	50V	
		< CONNECTOR >			
CNC71	1-508-786-00	PIN, CONNECTOR (5MM PITCH) 2P			
CNC72	*1-568-881-51	PIN, CONNECTOR 6P			
CNC81	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P			
CNC82	1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P			
		< DIODE >			
D702	8-719-914-43	DIODE DAN202K			
D703	8-719-914-43	DIODE DAN202K			
D704	8-719-914-43	DIODE DAN202K			
D705	8-719-914-43	DIODE DAN202K			
D706	8-719-914-43	DIODE DAN202K			
D707	8-719-914-43	DIODE DAN202K			
D708	8-719-914-43	DIODE DAN202K			
D709	8-719-914-43	DIODE DAN202K			
D710	8-719-914-43	DIODE DAN202K			
D711	8-719-046-65	DIODE BA157GP-AMP			
D714	8-719-914-42	DIODE DA204K			
D715	8-719-914-42	DIODE DA204K			
D716	8-719-914-42	DIODE DA204K			
		< JACK >			
J701	⚠ 1-526-990-11	SOCKET, CRT			
		< COIL >			
L704	1-408-609-41	INDUCTOR 33UH			
		< TRANSISTOR >			
Q702	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q703	8-729-906-70	TRANSISTOR BF871			
Q704	8-729-200-17	TRANSISTOR 2SA1091-0			
Q705	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q706	8-729-906-70	TRANSISTOR BF871			
Q707	8-729-200-17	TRANSISTOR 2SA1091-0			
Q708	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q709	8-729-906-70	TRANSISTOR BF871			
Q710	8-729-200-17	TRANSISTOR 2SA1091-0			
		< RESISTOR >			
JR1	1-216-296-00	METAL GLAZE 0	5%	1/8W	
JR2	1-216-296-00	METAL GLAZE 0	5%	1/8W	
JR3	1-216-296-00	METAL GLAZE 0	5%	1/8W	
JR4	1-216-296-00	METAL GLAZE 0	5%	1/8W	
JR6	1-216-296-00	METAL GLAZE 0	5%	1/8W	
JR7	1-216-296-00	METAL GLAZE 0	5%	1/8W	
JR8	1-216-296-00	METAL GLAZE 0	5%	1/8W	
JR12	1-216-296-00	METAL GLAZE 0	5%	1/8W	
JR13	1-216-296-00	METAL GLAZE 0	5%	1/8W	
JR14	1-216-296-00	METAL GLAZE 0	5%	1/8W	
JR15	1-216-296-00	METAL GLAZE 0	5%	1/8W	
JR16	1-216-296-00	METAL GLAZE 0	5%	1/8W	
JR17	1-216-296-00	METAL GLAZE 0	5%	1/8W	
JR18	1-216-296-00	METAL GLAZE 0	5%	1/8W	
R704	1-216-487-11	METAL OXIDE 12K	5%	3W	F
R705	1-202-824-00	SOLID 3.3K	10%	1/2W	
R706	1-216-182-91	METAL GLAZE 220	5%	1/8W	
R707	1-247-822-11	CARBON 430	5%	1/4W	
R708	1-249-401-11	CARBON 47	5%	1/4W	
R709	1-202-844-00	SOLID 330K	10%	1/2W	
R711	1-216-067-00	METAL GLAZE 5.6K	5%	1/10W	
R712	1-216-198-91	METAL GLAZE 1K	5%	1/8W	
R713	1-215-469-00	METAL 100K	1%	1/4W	
R714	1-216-487-11	METAL OXIDE 12K	5%	3W	F
R715	1-202-824-00	SOLID 3.3K	10%	1/2W	
R716	1-216-182-91	METAL GLAZE 220	5%	1/8W	
R717	1-249-415-11	CARBON 680	5%	1/4W	
R718	1-202-814-11	SOLID 33K	10%	1/2W	
R719	1-216-166-00	METAL GLAZE 47	5%	1/8W	
R720	1-216-210-00	METAL GLAZE 3.3K	5%	1/8W	
R721	1-202-842-11	SOLID 220K	10%	1/2W	
R722	1-202-848-00	SOLID 680K	10%	1/2W	
R723	1-216-198-91	METAL GLAZE 1K	5%	1/8W	
R724	1-202-846-00	SOLID 470K	10%	1/2W	
R725	1-202-838-00	SOLID 100K	10%	1/2W	
R726	1-202-824-00	SOLID 3.3K	10%	1/2W	
R727	1-249-409-11	CARBON 220	5%	1/4W	
R728	1-216-347-11	METAL OXIDE 0.68	5%	1W	F
R729	1-249-416-11	CARBON 820	5%	1/4W	
R730	1-216-166-00	METAL GLAZE 47	5%	1/8W	
R731	1-216-061-00	METAL GLAZE 3.3K	5%	1/10W	
R732	1-216-194-00	METAL GLAZE 680	5%	1/8W	
R733	1-216-194-00	METAL GLAZE 680	5%	1/8W	
R734	1-247-807-31	CARBON 100	5%	1/4W	
R735	1-215-493-00	METAL 1M	1%	1/4W	
R736	1-216-487-11	METAL OXIDE 12K	5%	3W	F
R737	1-215-483-00	METAL 390K	1%	1/4W	
R739	1-216-198-91	METAL GLAZE 1K	5%	1/8W	
		< VARIABLE RESISTOR >			
RV701	1-230-641-11	RES, ADJ, METAL GLAZE 2.2M			
RV702	1-230-619-11	RES, ADJ, METAL GLAZE 110M			
RV703	1-237-749-11	RES, ADJ, CARBON 2200			
RV704	1-237-749-11	RES, ADJ, CARBON 2200			

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*A-1645-018-A V BOARD, COMPLETE (KV-M2101)
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		< CAPACITOR >			
C1	1-126-101-11	ELECT 100MF	20%	16V	
C2	1-163-038-11	CERAMIC CHIP 0.1MF		25V	
C3	1-124-120-11	ELECT 220MF	20%	16V	
C4	1-163-077-91	CERAMIC CHIP 0.1MF		50V	
C5	1-124-120-11	ELECT 220MF	20%	16V	
C6	1-163-038-11	CERAMIC CHIP 0.1MF		25V	
C7	1-163-235-11	CERAMIC CHIP 22PF	5%	50V	
C8	1-163-235-11	CERAMIC CHIP 22PF	5%	50V	
C9	1-163-235-11	CERAMIC CHIP 22PF	5%	50V	
C10	1-163-038-11	CERAMIC CHIP 0.1MF		25V	
C11	1-163-038-11	CERAMIC CHIP 0.1MF		25V	
C12	1-163-038-11	CERAMIC CHIP 0.1MF		25V	

The components identified by shading and marked ⚠ are critical for safety.
Replace only with the part number specified.

V J1

REF.NO.	PART NO.	DESCRIPTION		REMARK
C13	1-163-038-11	CERAMIC CHIP 0.1MF		25V
C14	1-124-927-11	ELECT 4.7MF	20%	50V
C16	1-163-117-00	CERAMIC CHIP 100PF	5%	50V
C17	1-163-117-00	CERAMIC CHIP 100PF	5%	50V
C23	1-124-927-11	ELECT 4.7MF	20%	50V
C26	1-163-038-11	CERAMIC CHIP 0.1MF		25V
C27	1-163-117-00	CERAMIC CHIP 100PF	5%	50V
C28	1-163-117-00	CERAMIC CHIP 100PF	5%	50V
C29	1-163-117-00	CERAMIC CHIP 100PF	5%	50V
C32	1-163-038-11	CERAMIC CHIP 0.1MF		25V
C33	1-163-038-11	CERAMIC CHIP 0.1MF		25V
		< CONNECTOR >		
CNV1	*1-565-393-11	CONNECTOR, BOARD TO BOARD		
CNV2	*1-565-393-11	CONNECTOR, BOARD TO BOARD		
		< DIODE >		
D1	8-719-105-91	DIODE RD5.6M-B2		
D3	8-719-914-44	DIODE DAP202K		
D5	8-719-914-44	DIODE DAP202K		
D6	8-719-914-43	DIODE DAN202K		
D9	8-719-106-17	DIODE RD6.8M-B2		
		< IC >		
IC2	8-759-045-54	IC SAA5246P/E/M4A		
IC3	8-752-356-72	IC CXK5864BP-10LL		
		< COIL >		
L1	1-408-403-00	INDUCTOR 3.3UH		
L2	1-408-407-00	INDUCTOR 6.8UH		
L3	1-408-407-00	INDUCTOR 6.8UH		
L4	1-408-407-00	INDUCTOR 6.8UH		
		< IC LINK >		
P81	⚠ 1-532-679-91	LINK, IC (ICP-N15) 0.6A		
		< TRANSISTOR >		
Q1	8-729-900-53	TRANSISTOR DTC114EK		
Q2	8-729-920-92	TRANSISTOR 2SD2096-EF		
Q3	8-729-920-74	TRANSISTOR 2SC2412K-QR		
Q4	8-729-920-74	TRANSISTOR 2SC2412K-QR		
Q5	8-729-807-87	TRANSISTOR 2SB1295-UL6		
Q6	8-729-807-87	TRANSISTOR 2SB1295-UL6		
Q7	8-729-807-87	TRANSISTOR 2SB1295-UL6		
Q9	8-729-901-04	TRANSISTOR DTA114EK		
Q10	8-729-901-01	TRANSISTOR DTC144EK		
Q11	8-729-901-01	TRANSISTOR DTC144EK		
		< RESISTOR >		
JR01	1-216-295-00	METAL GLAZE 0	5%	1/10W
JR02	1-216-295-00	METAL GLAZE 0	5%	1/10W
JR03	1-216-295-00	METAL GLAZE 0	5%	1/10W
JR08	1-216-295-00	METAL GLAZE 0	5%	1/10W
JR09	1-216-295-00	METAL GLAZE 0	5%	1/10W
JR11	1-216-295-00	METAL GLAZE 0	5%	1/10W
JR13	1-216-296-00	METAL GLAZE 0	5%	1/8W
JR14	1-216-296-00	METAL GLAZE 0	5%	1/8W
JR15	1-216-296-00	METAL GLAZE 0	5%	1/8W
JR17	1-216-295-00	METAL GLAZE 0	5%	1/10W
JR18	1-216-296-00	METAL GLAZE 0	5%	1/8W
JR19	1-216-296-00	METAL GLAZE 0	5%	1/8W
JR20	1-216-296-00	METAL GLAZE 0	5%	1/8W
JR21	1-216-296-00	METAL GLAZE 0	5%	1/8W
JR23	1-216-295-00	METAL GLAZE 0	5%	1/10W
JR24	1-216-296-00	METAL GLAZE 0	5%	1/8W
JR25	1-216-296-00	METAL GLAZE 0	5%	1/8W
JR26	1-216-296-00	METAL GLAZE 0	5%	1/8W
JR202	1-216-295-00	METAL GLAZE 0	5%	1/10W
JR203	1-216-295-00	METAL GLAZE 0	5%	1/10W
JR221	1-216-295-00	METAL GLAZE 0	5%	1/10W
JR222	1-216-295-00	METAL GLAZE 0	5%	1/10W
R1	1-218-326-11	METAL GLAZE 470	5%	1/2W
R2	1-216-214-00	METAL GLAZE 4.7K	5%	1/8W
R3	1-216-049-00	METAL GLAZE 1K	5%	1/10W
R4	1-216-025-00	METAL GLAZE 100	5%	1/10W
R5	1-216-047-00	METAL GLAZE 820	5%	1/10W
R6	1-216-001-00	METAL GLAZE 10	5%	1/10W
R7	1-216-083-00	METAL GLAZE 27K	5%	1/10W
R8	1-216-071-00	METAL GLAZE 8.2K	5%	1/10W
R9	1-216-308-00	METAL GLAZE 4.7	5%	1/10W
R10	1-218-325-11	METAL GLAZE 120	5%	1/4W
R11	1-218-325-11	METAL GLAZE 120	5%	1/4W
R12	1-218-325-11	METAL GLAZE 120	5%	1/4W
R13	1-216-025-00	METAL GLAZE 100	5%	1/10W
R14	1-216-001-00	METAL GLAZE 10	5%	1/10W
R15	1-216-013-00	METAL GLAZE 33	5%	1/10W
R16	1-216-013-00	METAL GLAZE 33	5%	1/10W
R17	1-216-013-00	METAL GLAZE 33	5%	1/10W
R18	1-216-025-00	METAL GLAZE 100	5%	1/10W
R19	1-216-025-00	METAL GLAZE 100	5%	1/10W
R21	1-216-013-00	METAL GLAZE 33	5%	1/10W
R22	1-216-168-00	METAL GLAZE 56	5%	1/8W
R23	1-216-214-00	METAL GLAZE 4.7K	5%	1/8W
R40	1-216-065-00	METAL GLAZE 4.7K	5%	1/10W
R42	1-216-049-00	METAL GLAZE 1K	5%	1/10W
R49	1-216-049-00	METAL GLAZE 1K	5%	1/10W
R050	1-216-188-00	METAL GLAZE 390	5%	1/8W
		< VARIABLE RESISTOR >		
RV1	1-241-761-11	RES, ADJ, CARBON 1K		
		< CRYSTAL >		
X1	1-579-266-31	CRYSTAL VIBRATOR		

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*1-639-794-13 J1, BOARD
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	< CAPACITOR >		
C2200	1-163-031-11	CERAMIC CHIP 0.01MF	50V
	< CONNECTOR >		
CN2001	*1-568-878-51	PIN, CONNECTOR 3P	
	< SOCKET >		
J2201	1-562-837-11	JACK	

The components identified by shading and marked ⚠ are critical for safety.
Replace only with the part number specified.

J1

REF.NO.	PART NO.	DESCRIPTION	REMARK

< COIL >

L2201	1-408-409-00	INDUCTOR 10UH	

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ACCESSORIES AND PACKING MATERIALS
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	4-202-256-12	MANUAL INSTRUCTION	
	*4-200-726-01	INDIVIDUAL CARTON	
	*4-200-681-11	CUSHION (UPPER) (ASSY)	
	*4-200-684-11	CUSHION (LOWER) (ASSY)	
	*4-381-155-01	BAG PROTECTION	

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MISCELLANEOUS
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⚠	1-426-383-11	COIL, DEGAUSSING	
⚠	1-451-205-11	DEFLECTION YOKE (A51DAB6X)	
	1-452-032-00	MAGNET, DISK; 10MMØ	
	1-452-094-00	MAGNET, ROTATABLE DISK; 15MMØ	
	1-452-277-00	MAGNET, BMC	
	1-503-258-21	SPEAKER	
⚠	1-765-286-11	CORD, POWER (WITH NOISE FILTER)	
V901	⚠ 8-738-750-85	PICTURE TUBE (A51DAB6X)	

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REMOTE COMMANDER
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	1-467-130-11	COMMANDER, STANDARD TYPE	(RM841)
	9-904-886-01	COVER, BATTERY	(RM841)

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